OBSERVATIONS OF SEAWATER TEMPERATURE AND SALINITY AT BRITISH COLUMBIA SHORE STATIONS, 1985

by
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ABSTRACT

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Surface oceanic salinities and temperatures have been recorded once a day at several locations on the coast of British Columbia for varying lengths of time--from about one year to several decades. This publication presents the data obtained in 1985 from 17 such shore stations.

The data obtained are presented in two forms. Firstly, tables provide, for each site, the monthly means and the associated standard deviations, as well as the maximum and minumum values recorded during each month; the annual means are also listed. Secondly, graphs indicate the behaviour, throughout the year, of the data after the higher-frequency oscillations (e.g., those associated with lunar tides) have been removed by the use of a seven-day normally-weighted running mean.

Keywords: Physical oceanography, ocean climatology, British Columbia, shore stations, surface temperatures, surface salinities

RESUME

Giovando, L.F. 1987. Observations of Seawater Temperature and Salinity at British Columbia Shore Stations, 1985. Can. Data Rep. Hydrogr. Ocean Sci. 55:iii+104p.

Les températures et salinités des eaux océaniques superficielles ont été relevées une fois par jour à de nombreaux endroits le long de la côte de la Colombie-Britannique, pendant diverses périodes variant d'environ un an à plusieurs decénnies. Le présent rapport porte sur les données obtenues en 1985 à 17 de ces stations côtières.

Cette information est présentée sous deux formes. La première consiste en des tableaux qui regroupent les moyennes mensuelles et les écarts types, les valeurs minimale et maximale relevées chaque mois et les moyennes annuelles pour chaque site. Viennent ensuite des graphiques illustrant le comportement des données pendant toute l'année, après que les oscillations de plus haute fréquence (par ex. celles associées avec les marées lunaires) ont été éliminées à l'aide d'une moyenne cumulée normalement pondérée sur sept jours.

Mots-clés: océanographie physique, climatologie de la mer, Colombie-Britannique, stations côtières, températures et salinités superficielles

INTRODUCTION

A program involving once-daily observations of sea-surface salinities and/or temperatures at numerous locations on the coast of British Columbia has been in effect since the early 1930s. It is presently termed the B.C. Shore Station Oceanographic Program.

Prior to 1982, the headquarters of the program was located first at the Pacific Biological Station (PBS), Nanaimo (1934-70), and then at the West Vancouver Laboratory (West Van) (1971-81). From 1982, it has been situated at the Institute of Ocean Sciences (IOS) located at Sidney.

The number of sites reporting at any given time has varied throughout the course of the program. Sampling has been discontinued (and in a few cases, later resumed) at some places, and commenced (not necessarily simultaneously) at others. All available data obtained from these sites prior to 1985 have been published in various formats (e.g., Giovando 1981a and b, 1985; Hollister and Sandnes, 1972).

During 1985, 17 such locations provided sea-surface data. Fifteen of these are Ministry of Transport (MOT) lightstations. The remaining two are the West Vancouver Laboratory--formerly the Pacific Environment Institute--of the Department of Fisheries and Oceans (DFO), and the meteorological station (of the Atmospheric Environment Service (AES) of the Department of Environment (DOE)) at Cape St. James.

The stations reporting data in 1985 are shown (underlined) in Figure 1. Table 1 lists them in northwest-to-southeast order, along the "outside coast" (Langara Island to Race Rocks), and along the Strait of Georgia (Cape Mudge to Active Pass). The general location of each station, as well as information about the observers who obtained the data, is also given.

OBSERVATIONAL EQUIPMENT AND PROCEDURES

Except at Cape Beale and Active Pass, each daily observation was made at daytime high tide. At Cape Beale, sampling was carried out one hour before the daytime high tide. At Active Pass, observations were done at daylight high-water slack. All sampling times were determined by reference to the Canadian Tide and Current Tables (Fisheries and Oceans, 1985). On occasion, because of weather conditions or of the press of the observer's primary duties, the schedule could not be strictly adhered to; however, results obtained within ± one hour of the desired time were recorded. For reasons of observer safety, sampling was never attempted in darkness at any station.

(a) Temperature

At 16 of the 17 stations providing temperature data in 1985, values were obtained throughout the year by means of a mercury-in-glass thermometer graduated in degrees Celsius (°C). The thermometers are either of range -20° to +55°C and interval 1°, or of range -10 to +60°C and interval 1°. At present, the former type is the one by far the more commonly used. The temperatures were estimated to within ±0.1°C. At the 17th location, Cape Beale, temperatures were recorded by the more common type of glass thermometer subsequent to 14 September; previous to this date, values were obtained by meter (page 3) having an accuracy of about ±0.3°C. (Before being used at a sampling station, each thermometer is checked against a calibrated one; the maximum acceptable error is ±0.2°C.)

At most stations, the thermometer used is partially enclosed in a protective case of 2.5-cm (1-in) aluminum pipe. This case also provides a "well" around the bulb of the thermometer. The case is attached to the end of a pole (also of aluminum pipe) which can be as long as about 6 m (20 ft); the greater pole lengths are necessary at sites where observations are carried out from, say, steep bluffs. The thermometer is lowered to a depth of 1 m, and left for about two minutes. It is then raised and the water temperature recorded. At the remaining sampling sites (and at a few of the others during inclement weather), a bucket is used for all oceanographic observations. When a bucket is used the thermometer is immediately immersed in the sample; its temperature is read after about two minutes.

(b) Salinity

During 1985, salinities were determined at 15 of the 17 stations reporting--all except Cape St. James and West Van. (Measurement of salinity was discontinued at Cape St. James on 31 May 1971; only temperature has been measured at West Van since sampling began there on 3 December 1979.) At the sites at which the pole assembly is usually utilized, a plastic or glass bottle, usually of about 710-cc (25-oz) capacity, is also attached to the assembly. The uncapped bottle will fill during immersion. At the same time that the temperature of the water is recorded, a sample is drawn from the bottle for use in the determination of salinity. At any site where a bucket is used (e.g., Cape Beale) the salinity sample is drawn from the bucket.

At all but one (Cape Beale) of these 15 stations, the density of each sample was determined by hydrometer. (The corresponding salinity, in $^{o}/_{oo}$ (parts per thousand), is then obtained from each value of density.) The hydrometers employed are similar to those presently used by the U.S. Coast and Geodetic Survey (USC&GS) at its tidal stations; they actually measure the specific gravity of a seawater sample. (It should be noted that the term "specific gravity" has recently been replaced, in scientific usage at least, by the term "relative density".) Specific gravity is a ratio of two densities and is, therefore, a dimensionless quantity. If however, by definition, distilled water at a temperature 4°C (39.2°F) has a density $\rho_m = 1$, then the specific gravity of a substance having a density ρ is $\frac{\rho}{\rho_m}$ and will be numerically equal to the value of ρ.

The specific gravity of a seawater sample depends upon both the salinity (the quantity of dissolved material in the sample) and the temperature of the sample at the time the measurement is made. Densities determined by hydrometer without temperature control must, therefore, be reduced to some "standard" temperature for conversion to the corresponding salinities. The standard adopted for this program is 15°C (59°F), the same as that presently used by the USC&GS.

An expression of the general form Sp. Gr. Tp. (or Temp.) 15/4° is provided on every hydrometer utilized in this program. It incorporates both the basis of specific gravity (distilled water at 4°C (39.2°F)) and the standard temperature (15°C, or 59°F) employed.

Hydrometers are supplied to the stations in one or more of three ranges of specific gravity: 0.9960-1.0110, 1.0100-1.0210, and 1.0200-1.0310. The scales are divided into intervals of 0.0002, and the values are estimated to ±0.0001. The instruments are read employing techniques described by the USC&GS (Adams, 1942). Each instrument has its calibration checked immediately before being sent to a station.

It may be noted that "comparison" determinations involving several dozen samples collected at British Columbia shore stations have indicated that about 85% of the "hydrometer" salinity values were within ±0.3‰ of the corresponding ones obtained by inductive (electrodeless) salinometer (Hollister, unpublished).

Samples obtained in 1985 at Cape Beale were analyzed for salinity by use of either of two instruments. From 1 January through 14 September, salinities (as well as temperatures) were determined by means of a YSI 33 (Yellow Springs Instrument Co.) portable S-C-T meter. Accuracy of the meter (including the effect of the sensing probe) was indicated to be about ±1.0‰, and the readability was 0.2‰. (Temperature accuracy was claimed to be of the order of ±0.3°C, and the readability was about ±0.2,for the ranges involved.) Salinity readings were recorded to the nearest ‰ only.

From 15 September until the end of the year, salinities were obtained by means of a Kahlsico inductive salinometer. Accuracy for this instrument is claimed to be ±0.003; values were estimated to the nearest 0.001‰.

The time of each daily observation and the associated seawater temperature and hydrometer or salinometer readings were recorded on monthly field sheets. These sheets were forwarded to IOS, where the data underwent preliminary processing.

PRELIMINARY PROCESSING OF THE DATA

The temperature data were scanned, and values were rejected if it was discovered that a faulty thermometer had been used, or if the value was obviously the result of a misreading or of any other error in technique. Observed hydrometer readings were reduced to densities at the standard temperature, 15°C (59°F), by means of tables prepared by the USC&GS (Zerbe and Taylor, 1953). The appropriate calibration correction was then applied to

each such density value. These corrected values were in turn converted to salinities in $^{o}/_{oo}$ and reported to the first decimal place. A salinity value was rejected, again, only if it obviously had resulted from a misreading of hydrometer or salinity meter, or from other procedural errors.

If observations were missing for one day or for two consecutive days, the resulting gap was filled by value(s) obtained by linear interpolation utilizing the two observations bounding the gap. No interpolation was undertaken in those cases for which readings had been missed for three or more consecutive days (whether by accident or by design). Interpolated values were used to provide continuity to graphical representation of the data (see next section).

COMPUTER PROCESSING OF THE DATA

The daily temperature and salinity data remaining after the preliminary procedures noted above were then processed at IOS by computer in order to provide tabular and graphical representations and summaries. For each station, this procedure involved the determination of the 12 monthly means for temperature and for salinity, as well as of the corresponding standard deviations. Annual means were also computed. All means were rounded to one decimal place, the corresponding standard deviations to two places. Data obtained by interpolation were not utilized in the computation of the means.

A form of smoothing was performed on the data to minimize the effect of any variability associated with frequencies large compared to the annual frequency (those associated with lunar tides, for example). For simplicity, the daily values of salinity and/or temperature at each sampling station were here considered to be equally spaced in time with a sampling interval, therefore, of 24 hours. A seven-day normally-weighted running mean (Holloway, 1958) was utilized to smooth the resulting series. This form of filtering is considered to result in an output free of such defects as "polarity reversals" or phase shifts. The running mean was computed, for the entire year, for both temperature and salinity. In order that the means for each station be as continuous as possible and consistent with the data involved, daily values obtained by interpolation were utilized in the associated computations. However, when a period of greater than two consecutive days of missed data was encountered, the computations were "interrupted".

PRESENTATION OF THE DATA

The data from each station are presented in two forms:

(1) Tabulations, in monthly format, of the daily values of temperature in °C and of salinity (in $^{o}/_{oo}$) - pages 18 to 85. The results are listed in the same station order as that given in Table 1. Three months' data are listed on each page. Also recorded for each month are the MEAN, the standard deviation (STD. DEV.), the number of observations (OBSVNS.) involved in the computations of these two quantities, and the MAXIMUM and MINIMUM values. The annual means (YRLY. MEANS) for temperature and salinity are included with the December output for each station. Each interpolated

daily value is identified by an asterisk (*). "Missed" values with which no interpolation is associated are denoted by an * followed by a blank space. Invalid days, such as April 31, are indicated by a blank space alone. Both the latitude and the longitude of each station (in degrees, and minutes and tenths of minutes) are noted on every page immediately after the station designation. For ease in reference, the monthly and annual mean temperatures and salinities have been summarized. Temperatures in °C are given in Table 2. In addition, the °F equivalents of the values in Table 2 are provided in Table 3, primarily for the convenience of those who, because of either choice or necessity, still employ the Fahrenheit scale. The corresponding salinities are given in Table 4.

(2) "Annual" graphs of the seven-day, normally-weighted running means for temperature and salinity - pages 88 to 104. These graphs are copies of the computer-generated plots of the means. Any interruption--due to missing data--in the associated computations will result in a gap in the plotted output as well. Each graph for temperature is provided with scales in both °C and °F. For those sampling sites at which both temperature and salinity are recorded, the two graphs are placed on a single page.

Several features associated with the information presented should be noted:

(a) Circumstances beyond the control of the sampling program have resulted in significant data shortfalls at some stations during 1985:

(i) At Departure Bay, no observations were carried out during the year.

(ii) At Cape Mudge, the observations of temperature and salinity were terminated on 15 April. No annual means have been given for this station.

In the "overall" view provided by the monthly mean summaries in Tables 2, 3 and 4, the reader is alerted to the presence of "data-poor", but not barren, months by the "overbar" symbol "-". In these tables, the months for which only 11 to 20 values of temperature or salinity were recorded have been flagged by this symbol. It is hoped that these admittedly-arbitrary designations will emphasize the need for circumspection in the use of the monthly averages involved.

(b) At Cape Beale, the daily salinity values obtained prior to 15 September were reported only to the nearest whole $^{o}/_{oo}$ (page 3). However, these values, as well as the monthly average involved, have been recorded to two decimal places in the tabular output (page 4). This has been done only to maintain uniformity of computer output. The tables for this station should, therefore, not be construed as possessing the accuracy suggested, and should be treated with suitable caution. In the same vein, the annual salinity mean has not been given in Table 4, as its significance would be greatly reduced by combinations of results from two methods possessing markedly different accuracies.

(c) At Langara Island and Egg Island, a few salinities of $33^{o}/_{oo}$ or more were recorded by hydrometry during 1985--nine at Langara (three in April, six in May) and four at Egg (January). Such values have also been obtained in some previous years at B.C. shore stations (see e.g., Giovando, 1985). All physical-oceanographic studies so far conducted indicate that values of salinity $\geq 33^{o}/_{oo}$ are extremely unlikely to occur in the nearshore surface waters of B.C. The observers at the stations involved had previously been apprised of this fact, and have therefore checked both equipment and procedures thoroughly during the "high-value" periods. No obvious faults or errors were revealed; however, with due regard to the uncertainties associated with salinities determined by hydrometry, such values should be regarded with extreme caution pending a satisfactory explanation of their occurrences. These "high" salinities have been retained in the tabular output, but have been flagged by a double asterisk (**). Arbitrarily, they have been utilized in the computations of the running means, but not in those of the monthly means. In addition, salinities of $33^{o}/_{oo}$ were recorded at Cape Beale during the 8 1/2-month period in which the YSI S-C-T meter was utilized (page 3), mostly in July (17), but also in April (2), May (4) and August (3). Because of the relatively great inaccuracy associated with measurements by the S-C-T meter, even when compared with that characterizing hydrometry (page 3), these values have <u>not</u> been treated as those noted above. They have been retained "unflagged", and have been utilized in the computations of the monthly and annual means as well as in those of the running means. In the given context, they can probably best be considered as suggesting salinity levels between 32.5 and $33^{o}/_{oo}$.

(d) At some of the program's shorestations in the Strait of Georgia, there can exist periods throughout which the recorded daily <u>salinity</u> values (and, therefore, the associated running means) are relatively low, often appreciably less than $20^{o}/_{oo}$. Such values can be present at any time. However, they occur most frequently during the months June through August, at which time they presumably result primarily from the marked freshening of the surface waters by runoff from the Fraser River. In 1985, the available data indicated low values, especially at Active Pass, but also, to a much lesser degree, at Entrance Island. However, the salinity range common to all other reporting sites ($20^{o}/_{oo}$ to $34^{o}/_{oo}$) has been retained in these two instances as well. This has been achieved by displacing those portions of the graph depicting running-mean values of 20o/oo or less. The displacement is such that the highest level of the time-salinity "grid" ($34^{o}/_{oo}$) serves as the $20^{o}/_{oo}$ salinity level for these sections. The running mean affected can be determined by reference to the "auxiliary" salinity scales (characterized by bracketted values) that have been provided. As an example, the running mean minimum that occurred in near mid June at Active Pass (page 104) is in this representation seen to have a "graphical" value of 15.5.

Brief mention may be made of some recent efforts at analysis (as opposed to "annual" tabulations) of the B.C. shorestation data obtained up to the end of 1976. A preliminary study (Webster and Farmer, 1976) examined data from three of the stations on the outer coast--Langara Island, Kains Island and Amphitrite Point. The primary purpose was the development of techniques for the presentation of important features of the data, such as long- and short-term variations at each station and the possible relationships between the data from different stations. The techniques applied were simple annual and monthly averaging, and the relatively-modern technique of spectral analysis. The same authors later extended these analytical techniques to a further 14 stations (Webster and Farmer, 1977).

A third publication (Associated Engineering Services Ltd., 1977) deals with the general efficiency of the present shorestation sampling program, especially in the light of financial constraints involved. Sampling errors, especially those inherent in salinity determination by hydrometry, are exhaustively discussed. Central to the study was a questionnaire forwarded both to the then (1977), and to the potential, users of the data, seeking to clarify such information as the time scales of interest and the required accuracy of the data. Responses to this questionnaire, and the sampling accuracies determined, were utilized to prepare several options (further versions of the sampling program). These options, each of different sampling intensities and/or instrumentation mixes and cost, are presented for consideration by the users.

ACKNOWLEDGEMENTS

The sea-sampling program at British Columbia shore stations owes its success primarily to the dedication of the many observers who are taking, or have taken, part in the obtaining of data. These observers have maintained a remarkable continuity of effort, often in the face of extremely hazardous sea and weather conditions. The several vital contributions of MOT to the program are gratefully acknowledged: the provision of the voluntary services of the lightkeepers as observers, as well as the excellent assistance received from the District Managers and Staffs of the Marine Transportation Division in Victoria and Prince Rupert, and from its Radio Branch, which transmits the numerous messages involved in the program. The services of the meteorological staff at Cape St. James have been made available to the program through the kind permission of the Regional Director of the Pacific Region of AES. Shore station observers at all MOT or AES stations, with the exception of Cape Beale, receive payment from Ocean and Aquatic Sciences, DFO, for their work on behalf of the program. The observer at Cape Beale is paid by the Biological Station at Bamfield. Data from West Van are obtained by staff. Thanks are due the Director at Bamfield, Dr. R.E. Foreman, for permission to publish the Cape Beale data included in this report, and to Miss Joan Glazier for her efforts in making these data available. The author is also grateful to Roy A.S. Hourston, who carried out the data processing itself. He is indebted to Dr. S. Tabata for review of the manuscript. The report was typed by Shannon MacGillivray and Irene Sipila.

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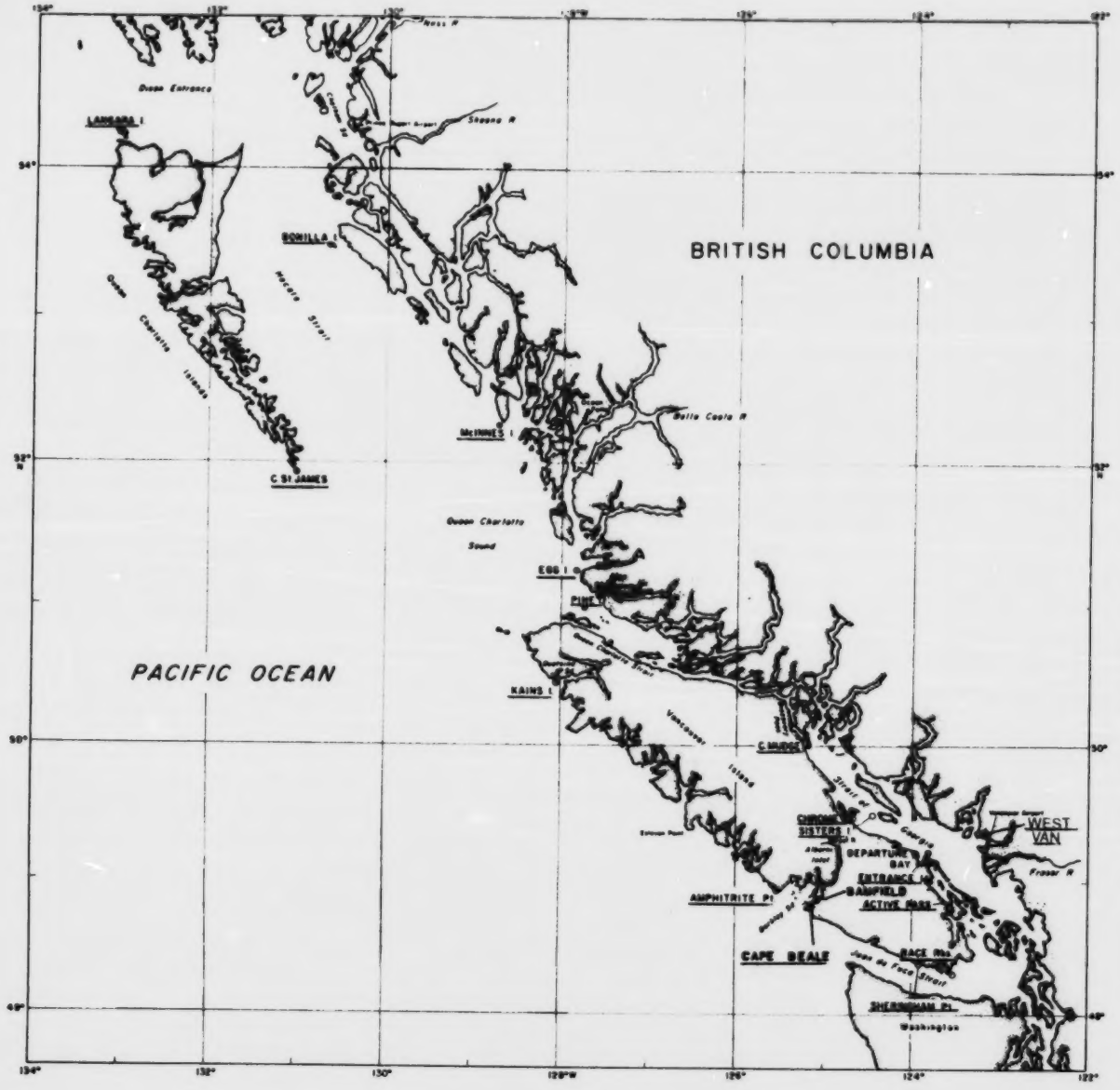

Figure 1. Location of B.C. shorestations (underlined) making the daily oceanographic observations (1985) reported in this publication.

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Table 1. B.C. shorestations providing the oceanographic data reported in this publication: general locations, and observers.

Station	Location	Observer(s)
Outside Coast		
Langara Island	Dixon Entrance, south side	L. Saurette (Mrs.)
Bonilla Island	Hecate Strait, north	L. Beaudet (Mrs.)
Cape St. James	Queen Charlotte Islands, south end	Meteorological staff
McInnes Island	Milbanke Sound entrance, north side	K. Coldwell (Mrs.) R. Mogg
Egg Island	Smith Sound, southern entrance	J.I. Westhaver (Mrs.) R.E. Akerstrom
Pine Island	Queen Charlotte Strait, western entrance	G. Fraser (Mrs.)
Kains Island	Quatsino Sound entrance, north side	G.K. Etzkorn M. Martinelli
Amphitrite Point	Barkley Sound, western entrance	C. Slater (Mrs.)
Cape Beale	Barkley Sound, eastern entrance	E. Brand (Mrs.)
Sheringham Point	Juan de Fuca Strait, northern side	E. Bruton (Mrs.)
Race Rocks	Juan de Fuca Strait, eastern end	J.E. Redhead (Mrs.)

Table 1. Continued

Station	Location	Observer(s)
Strait of Georgia:		
Cape Mudge	Strait of Georgia, northern entrance	K. Nelson A. Bablitz
Chrome Island	Strait of Georgia, off central western shore	M.V. Stewart (Mrs.) J.M. McKee (Mrs.)
Sisters Island	Strait of Georgia, central	D.J. McNeil K. Nelson J. Harnden D. Earl
Entrance Island	Strait of Georgia, off central western shore	E. Cehak (Mrs.) K. Chungranes (Mrs.)
West Vancouver	Strait of Georgia, central eastern shore	Aquarium Staff
Active Pass	Strait of Georgia, southwestern shore	T. DeRousie (Mrs.)

Table 2. Monthly- and annual-mean temperatures (°C) - 1985

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Langara I.	7.3	6.5	6.7	7.1	7.8	9.3	10.7	10.7	10.6	10.2	7.1	6.2	8.4
Bonilla I.	7.0	6.3	6.7	7.7	8.6	10.7	11.8	11.1	9.9	9.5	7.0	6.0	8.5
Cape St. James	8.1	7.5	7.3	7.5	8.3	10.0	12.0	12.6	12.4	9.9	7.3	6.6	9.1
McInnes I.	6.8	6.5	6.7	7.6	9.2	11.3	13.2	12.1	11.6	10.1	7.1	6.1	9.1
Egg I.	7.2	7.0	7.0	7.8	9.5	11.7	13.7	11.4	10.3	9.1	7.1	6.8	9.1
Pine I.	7.9	7.4	7.5	7.9	8.7	9.7	10.5	10.1	9.7	9.5	8.3	7.2	8.7
Kains I.	8.0	7.6	7.8	8.5	10.1	11.7	13.0	12.3	12.1	10.9	7.9	7.1	9.8
Amphitrite Pt.	7.7	7.3	7.8	9.0	10.6	11.3	13.4	14.2	12.7	11.2	8.5	7.0	10.1
Cape Beale	7.0	7.2	7.6	9.4	11.0	11.9	13.5	13.0	12.3	10.4	7.9	6.6	9.7
Sheringham Pt.	8.1	8.1	8.3	8.7	8.7	10.2	11.0	11.4	11.0	10.5	9.7	8.1	9.5
Race Rocks	6.8	6.9	7.2	8.2	9.6	10.6	11.6	11.6	10.8	9.6	7.0	6.4	8.9
Cape Mudge	7.7	8.1	$\overline{7.8}$	$\overline{9.2}$	-	-	-	-	-	-	-	-	-
Chrome I.	7.2	7.8	8.2	9.4	12.1	15.1	18.6	17.1	14.6	11.4	8.1	7.3	11.5
Sisters I.	6.9	7.4	7.8	9.2	12.0	14.9	18.6	17.3	14.5	11.1	7.7	6.9	11.2
Departure Bay	-	-	-	-	-	-	-	-	-	-	-	-	-
Entrance I.	6.8	7.7	7.9	8.9	11.8	14.6	18.2	16.7	14.5	11.1	7.9	6.9	11.1
West Vancouver	5.2	5.9	7.5	8.7	12.0	14.7	18.3	16.8	12.9	10.2	6.3	6.1	10.3
Active Pass	6.6	7.2	8.3	9.3	11.4	13.6	17.4	16.1	13.7	11.1	7.7	6.5	10.8

Note: - Signifies no data obtained.

$\overline{x}$ Signifies months in which 11 to 20 daily values of temperature were recorded.

Table 3. Monthly- and annual-mean temperatures (°F) - 1985

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Langara I.	45.1	43.7	44.1	44.8	46.0	48.7	51.3	51.3	51.1	50.4	44.8	43.2	47.0
Bonilla I.	44.6	43.3	44.1	45.9	47.5	51.3	53.1	52.0	50.0	49.1	44.6	42.8	47.4
Cape St. James	46.6	45.5	45.1	45.5	46.9	50.0	53.6	54.7	54.3	49.8	45.1	43.9	48.4
McInnes I.	44.2	43.7	44.1	45.7	48.6	52.3	55.8	53.8	52.9	50.2	44.8	43.0	48.3
Egg I.	45.0	44.6	44.6	46.0	49.1	53.1	56.7	52.5	50.5	48.4	44.8	44.2	48.3
Pine I.	46.2	45.3	45.5	46.2	47.7	49.5	50.9	50.2	49.5	49.1	46.9	45.0	47.7
Kains I.	46.4	45.7	46.0	47.3	50.2	53.1	55.4	54.1	53.8	51.6	46.2	44.8	49.6
Amphitrite Pt.	45.9	45.1	46.0	48.2	51.1	52.3	56.1	57.6	54.9	52.2	47.3	44.6	50.1
Cape Beale	44.6	45.0	45.7	48.9	51.8	53.4	56.3	55.4	54.1	50.7	46.2	43.9	49.7
Sheringham Pt.	46.6	46.6	46.9	47.7	47.7	50.4	51.8	52.5	51.8	50.9	49.5	46.6	49.1
Race Rocks	44.2	44.4	45.0	46.8	49.3	51.1	52.9	52.9	51.4	49.3	44.6	43.5	47.9
Cape Mudge	45.9	46.6	$\overline{46.0}$	$\overline{48.6}$	-	-	-	-	-	-	-	-	-
Chrome I.	45.0	46.0	46.8	48.9	53.8	59.2	65.5	62.8	58.3	52.5	46.6	45.1	52.5
Sisters I.	44.4	45.3	46.0	48.6	53.6	58.8	65.5	63.1	58.1	52.0	45.9	44.4	52.2
Departure Bay	-	-	-	-	-	-	-	-	-	-	-	-	-
Entrance I.	44.2	45.9	46.2	48.0	53.2	58.3	64.8	62.1	58.1	52.0	46.2	44.4	52.0
West Vancouver	41.4	42.6	45.5	47.7	53.6	58.5	64.9	62.2	55.2	50.4	43.3	43.0	50.5
Active Pass	43.9	45.0	46.9	48.7	52.5	56.5	63.3	61.0	56.7	52.0	45.9	43.7	51.4

Note: - Signifies no data obtained.

$\overline{x}$ Signifies months in which 11 to 20 daily values of temperature were recorded.

Table 4. Monthly- and annual-mean salinities ($^{o}/_{oo}$) - 1985

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Langara I.	31.8	31.8	32.0	32.6	32.4	32.2	32.1	32.1	32.6	32.1	32.2	32.4	32.2
Bonilla I.	30.8	31.1	31.4	31.5	31.5	31.4	31.4	31.5	31.7	31.6	31.5	31.5	31.4
Cape St. James	-	-	-	-	-	-	-	-	-	-	-	-	-
McInnes I.	30.5	30.5	30.1	30.4	30.0	30.4	30.6	31.0	31.2	31.2	29.8	31.3	30.6
Egg I.	32.1	31.5	31.1	31.4	30.2	28.9	28.8	31.4	31.6	31.8	31.4	31.9	31.0
Pine I.	30.9	30.9	31.2	31.6	31.5	31.5	31.7	31.6	31.9	32.0	31.5	31.6	31.5
Kains I.	30.1	30.0	30.1	29.8	30.0	31.2	31.7	32.4	32.0	30.6	29.6	31.3	30.7
Amphitrite Pt.	29.9	29.7	29.8	29.5	29.3	30.5	30.7	31.2	30.6	29.8	28.8	29.6	30.0
Cape Beale	30.76	30.11	31.10	30.14	31.21	31.15	32.33	30.58	30.98	30.91	30.92	31.31	-
Sheringham Pt.	30.3	30.4	30.6	30.5	30.7	31.0	31.5	31.3	31.4	31.2	30.8	30.3	30.8
Race Rocks	31.2	31.2	31.8	31.6	31.9	31.6	31.6	31.9	32.1	32.0	31.5	31.7	31.7
Cape Mudge	28.9	29.5	$\overline{29.4}$	$\overline{29.9}$	-	-	-	-	-	-	-	-	-
Chrome I.	28.2	29.1	29.5	29.2	29.1	27.4	27.6	28.0	28.3	29.0	28.7	29.3	28.6
Sisters I.	28.3	29.4	29.6	29.6	28.9	25.7	26.4	28.0	28.4	28.6	28.6	29.0	28.4
Departure Bay	-	-	-	-	-	-	-	-	-	-	-	-	-
Entrance I.	28.7	29.5	29.6	29.7	28.2	25.9	25.3	27.9	28.3	29.3	27.8	29.1	28.3
West Vancouver	-	-	-	-	-	-	-	-	-	-	-	-	-
Active Pass	27.4	28.6	29.0	27.5	27.1	23.6	22.4	25.6	26.9	29.1	27.0	28.1	26.9

Note: - Signifies no data obtained.

$\overline{x}$ Signifies months in which 11 to 20 daily values of temperature were recorded.

Tabulations of Daily Sea-Surface Temperature and Salinity

1985

TEMP: Temperature (°C)

SAL: Salinity ($^{0}/_{00}$)

LANGARA ISLAND 54 15.3 N 133 03.5 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	* 6.4	* 32.0	7.0	31.5	6.7	31.8
2	6.9	32.1	6.7	31.4	6.4	31.6
3	7.0	31.8	6.8	31.5	6.3	31.4
4	7.0	31.8	7.0	31.8	6.8	31.8
5	7.0	31.8	7.0	31.5	6.8	31.9
6	7.2	31.8	6.9	31.9	* 6.5	* 32.1
7	7.2	31.8	* 6.5	* 31.9	6.3	32.3
8	7.3	32.0	6.0	31.9	6.7	32.1
9	* 7.3	* 31.9	6.0	32.0	* 6.7	* 32.0
10	7.2	31.8	6.0	32.0	6.8	31.9
11	7.5	32.0	5.2	31.6	6.7	31.9
12	7.2	32.0	5.3	31.8	6.8	32.0
13	7.5	31.9	6.2	31.9	6.5	31.9
14	* 7.5	* 31.9	6.3	31.9	6.5	31.9
15	7.4	31.9	6.4	32.0	6.7	31.8
16	* 7.4	* 31.7	6.2	31.6	6.7	31.8
17	7.5	31.5	* 6.3	* 31.8	6.8	31.8
18	7.8	31.9	6.5	32.0	7.0	31.9
19	7.8	31.9	6.6	32.0	6.9	32.0
20	7.7	31.9	6.8	32.0	6.9	31.9
21	7.7	31.9	6.9	32.0	6.7	32.1
22	7.7	31.8	6.8	31.9	6.8	32.1
23	7.7	31.6	* 6.8	* 31.9	6.9	32.3
24	7.5	31.8	6.8	32.0	6.9	32.3
25	7.6	31.8	6.9	32.0	6.7	32.3
26	7.4	31.5	6.8	31.5	6.9	32.3
27	7.2	31.6	6.8	31.5	* 6.9	* 32.3
28	7.0	31.5	* 6.8	* 31.6	6.8	32.3
29	7.0	31.4			6.9	32.3
30	7.0	31.5			6.9	32.5
31	6.9	31.2			* 6.9	* 32.5
MEANS	7.3	31.8	6.5	31.8	6.7	32.0
OBSVNS.	27	27	24	24	27	27
MAXIMUM	7.8	32.1	7.0	32.0	7.0	32.5
MINIMUM	6.9	31.2	5.2	31.4	6.3	31.4
STD.DEV.	0.30	0.21	0.51	0.22	0.19	0.26

LANGARA ISLAND 54 15.3 N 133 03.5 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	* 6.9	* 32.4	7.3	32.9	8.8	32.5
2	6.9	32.4	7.4	** 33.2	8.7	32.7
3	* 6.9	* 32.4	7.7	** 33.0	8.2	32.8
4	* 7.0	* 32.4	7.8	** 33.2	9.1	32.3
5	7.0	32.4	8.0	32.8	9.1	32.4
6	6.9	32.7	7.3	** 33.0	* 9.1	* 32.6
7	6.9	32.7	7.3	32.5	9.2	32.8
8	6.8	32.7	7.4	32.9	9.8	32.8
9	7.1	32.3	7.3	32.9	9.4	32.3
10	7.0	32.5	7.5	** 33.2	8.9	32.0
11	7.0	32.3	7.2	32.3	9.0	32.1
12	* 6.9	* 32.5	7.4	32.8	9.2	32.0
13	6.8	32.7	7.4	32.4	9.7	32.3
14	7.0	32.8	7.5	32.1	9.9	32.1
15	7.0	** 33.2	7.9	32.8	9.9	31.8
16	* 7.1	** 33.2	8.8	** 33.0	9.8	31.9
17	7.2	** 33.2	8.6	32.5	9.9	32.1
18	7.2	32.8	7.9	32.4	10.2	32.0
19	7.3	32.8	7.8	32.5	9.7	32.0
20	7.3	32.7	7.9	32.0	9.9	31.8
21	7.0	32.7	8.2	32.1	9.3	31.9
22	7.2	32.5	7.9	31.9	9.6	32.0
23	7.3	32.7	8.0	32.5	* 9.3	* 32.0
24	7.4	32.5	8.4	32.5	8.9	32.0
25	7.0	32.7	7.9	32.1	8.7	32.0
26	7.3	32.7	8.3	32.7	* 8.8	* 32.0
27	7.3	32.3	* 8.3	* 32.3	9.0	31.9
28	7.0	32.9	8.3	31.8	9.7	32.0
29	7.3	32.3	8.1	31.6	9.3	32.0
30	7.3	32.9	8.1	32.3	9.2	32.0
31			8.2	32.3		
MEANS	7.1	32.6	7.8	32.4	9.3	32.2
OBSVNS.	25	23	30	24	27	27
MAXIMUM	7.4	32.9	8.8	32.9	10.2	32.8
MINIMUM	6.8	32.3	7.2	31.6	8.2	31.8
STD.DEV.	0.18	0.20	0.43	0.37	0.48	0.31

LANGARA ISLAND 54 15.3 N 133 03.5 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	9.2	31.8	9.9	32.4	10.8	32.4
2	9.9	32.1	10.0	32.8	11.3	32.5
3	9.8	32.1	10.7	32.3	11.3	32.5
4	9.3	32.0	11.1	32.1	11.6	31.9
5	9.3	32.3	11.4	32.3	12.0	32.4
6	10.1	32.1	12.8	32.4	11.6	32.1
7	* 10.2	* 32.1	* 12.6	* 32.4	11.7	32.1
8	10.3	32.1	12.3	32.4	11.6	32.3
9	10.2	32.5	11.8	31.8	11.2	32.1
10	10.2	32.5	11.5	31.4	11.7	32.8
11	10.6	32.1	11.2	31.6	10.8	32.4
12	11.3	32.5	11.7	31.2	10.4	32.7
13	11.4	32.5	11.5	31.1	9.9	32.9
14	11.3	32.5	10.6	31.9	9.9	32.8
15	11.8	32.4	10.6	32.0	9.6	32.7
16	11.6	32.8	11.2	32.1	10.3	32.7
17	11.1	32.3	10.3	32.1	9.7	* 32.8
18	10.8	32.0	10.0	32.3	9.7	32.9
19	11.2	31.2	9.9	32.8	9.5	32.7
20	10.3	32.0	8.8	32.5	10.3	32.9
21	10.1	31.9	9.5	32.4	10.4	32.5
22	9.8	32.4	9.8	32.5	10.4	32.7
23	10.4	32.1	9.7	32.5	10.7	32.9
24	* 11.0	* 32.2	9.7	32.5	10.8	32.7
25	11.7	32.4	11.0	31.9	11.1	32.4
26	12.6	31.9	10.2	32.1	10.9	32.8
27	11.9	31.6	10.5	32.0	10.4	32.9
28	11.9	31.9	10.7	31.9	9.9	32.8
29	11.9	31.6	10.3	31.6	9.9	32.9
30	* 11.1	* 32.0	10.9	32.7	10.1	32.8
31	10.3	32.4	11.0	32.4		
MEANS	10.7	32.1	10.7	32.1	10.6	32.6
OBSVNS.	28	28	30	30	30	29
MAXIMUM	12.6	32.8	12.8	32.8	12.0	32.9
MINIMUM	9.2	31.2	8.8	31.1	9.5	31.9
STD.DEV.	0.92	0.35	0.88	0.44	0.73	0.29

LANGARA ISLAND 54 15.3 N 133 03.5 W

1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL.	TEMP	SAL.	TEMP	SAL.
1	10.5	32.8	9.0	31.9	5.5	32.4
2	* 10.3	* 32.8	8.7	32.1	5.6	32.3
3	10.0	32.8	8.8	32.1	5.8	32.3
4	* 10.4	* 32.4	8.3	32.1	6.0	32.5
5	10.8	32.0	8.5	32.0	6.3	32.5
6	* 10.9	* 31.9	8.9	31.9	6.2	32.3
7	* 11.1	* 31.7	* 8.5	* 31.9	6.2	32.5
8	11.2	31.6	8.0	31.9	6.0	32.4
9	11.6	32.3	7.0	31.9	6.1	32.7
10	11.2	32.0	7.0	32.4	6.0	32.3
11	11.0	32.3	7.0	32.4	6.1	32.5
12	11.1	32.1	* 7.1	* 32.4	* 6.1	* 32.5
13	11.2	32.1	7.2	32.4	6.2	32.5
14	11.0	32.1	7.6	32.1	6.2	32.5
15	10.0	32.3	7.6	32.5	6.2	32.4
16	9.6	32.1	* 7.2	* 32.4	6.3	32.7
17	10.0	32.3	6.8	32.3	6.4	32.5
18	10.0	32.0	6.7	32.1	6.4	32.3
19	9.9	31.9	6.6	31.9	6.6	32.5
20	10.0	32.1	6.0	32.0	6.7	32.5
21	* 10.0	* 32.0	6.2	32.0	6.7	32.4
22	10.0	31.9	6.3	32.1	* 6.7	* 32.4
23	10.0	32.1	* 6.4	* 32.3	6.8	32.5
24	10.0	31.8	6.5	32.5	6.8	32.4
25	9.8	32.0	6.0	32.5	* 6.6	* 32.4
26	9.2	32.1	* 5.8	* 32.6	6.3	32.4
27	9.0	32.0	5.5	32.8	6.3	32.4
28	9.0	32.0	5.8	32.5	6.3	32.0
29	9.5	32.0	5.8	32.3	* 6.3	* 32.1
30	9.2	31.9	5.4	32.4	* 6.3	* 32.2
31	9.3	31.9			6.3	32.3
MEANS	10.2	32.1	7.1	32.2	6.2	32.4
OBSVNS.	26	26	25	25	26	26
YRLY.MEANS					8.4	32.2
MAXIMUM	11.6	32.8	9.0	32.8	6.8	32.7
MINIMUM	9.0	31.6	5.4	31.9	5.5	32.0
STD.DEV.	0.76	0.26	1.13	0.25	0.32	0.14

BONILLA ISLAND 53 29.6 N 130 38.1 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	6.3	30.8	7.1	31.0	6.5	31.6
2	5.6	31.1	7.0	31.2	6.3	30.8
3	6.5	30.8	6.7	31.2	6.2	31.0
4	7.1	31.1	6.9	30.8	6.2	31.1
5	7.3	30.7	6.8	31.0	6.2	31.2
6	7.1	30.7	6.6	31.2	* 6.6	* 31.3
7	* 7.0	* 30.7	6.3	31.1	7.1	31.5
8	* 6.9	* 30.7	6.1	31.2	6.8	31.8
9	6.8	30.7	4.9	30.8	6.9	31.6
10	7.2	30.7	5.3	31.1	7.0	31.5
11	7.3	30.6	5.7	30.7	6.8	31.8
12	6.9	30.6	5.9	31.0	6.8	31.6
13	7.2	30.3	6.0	30.7	6.6	31.4
14	7.4	30.2	5.9	30.7	6.4	31.5
15	7.2	31.4	5.7	30.8	6.6	31.2
16	7.1	30.3	5.9	30.7	6.7	30.8
17	7.2	30.3	5.8	30.7	6.5	31.1
18	7.0	30.2	6.6	31.2	6.7	30.8
19	7.5	30.6	6.4	31.4	6.8	31.0
20	7.3	30.3	6.5	30.8	6.9	31.5
21	7.1	30.7	6.8	31.1	6.7	31.4
22	6.3	31.2	6.7	31.4	7.2	31.6
23	7.8	31.0	6.7	31.1	6.7	31.5
24	7.3	31.1	6.6	31.6	7.1	31.4
25	7.2	31.4	6.0	31.4	6.4	30.8
26	7.2	30.8	6.7	31.2	6.6	31.1
27	7.1	31.0	6.7	31.5	7.0	31.6
28	6.9	31.0	6.4	31.1	7.3	31.9
29	6.9	31.1			6.8	31.0
30	7.2	30.8			6.7	32.0
31	6.8	30.8			7.1	31.4
MEANS	7.0	30.8	6.3	31.1	6.7	31.4
OBSVNS.	29	29	28	28	30	30
MAXIMUM	7.8	31.4	7.1	31.6	7.3	32.0
MINIMUM	5.6	30.2	4.9	30.7	6.2	30.8
STD.DEV.	0.42	0.34	0.54	0.26	0.30	0.34

BONILLA ISLAND 53 29.6 N 130 38.1 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	7.6	31.6	7.7	31.2	9.9	31.6
2	7.3	31.8	8.3	31.8	10.2	31.4
3	7.4	31.9	8.1	31.5	9.8	31.2
4	7.4	31.5	8.3	31.4	9.7	31.2
5	7.5	31.6	8.4	31.6	10.6	31.8
6	7.3	32.4	8.1	31.5	10.4	31.4
7	8.2	31.4	8.3	31.5	11.0	31.5
8	8.0	31.6	8.7	31.5	10.8	31.2
9	7.6	31.6	8.2	31.4	10.7	31.6
10	7.4	31.5	8.1	31.8	10.8	31.4
11	7.7	31.1	7.9	31.4	10.5	31.4
12	7.3	32.0	7.7	31.5	10.6	31.4
13	7.2	31.5	7.9	31.5	11.0	31.4
14	7.1	31.2	7.6	31.1	10.8	31.6
15	7.4	31.6	8.4	31.4	12.7	31.2
16	7.7	31.6	8.3	31.6	11.6	31.9
17	7.8	31.6	8.3	31.9	11.2	31.9
18	7.8	31.9	8.8	31.4	12.9	31.5
19	8.1	31.4	8.7	31.6	10.5	31.9
20	8.8	31.5	9.1	31.9	10.4	31.8
21	7.8	31.4	9.0	31.6	10.4	31.9
22 *	8.0 *	31.1 *	9.1 *	31.5 *	10.2	31.2
23	8.2	30.8	9.3	31.4	9.6	31.5
24	8.5	31.4	9.9	31.4	9.9	31.8
25	8.1	31.4	9.2	31.6	9.8	31.1
26	7.9	31.2	9.1	31.6	10.1	30.6
27	8.0	31.1	9.0	31.4	10.2 *	31.0 *
28	6.8	31.2	9.2	31.5	10.3	31.4
29	7.2	31.9	9.2	31.1	12.1	31.1
30	7.2	31.4	9.9	31.6	11.2	31.1
31			9.2	31.4		
MEANS	7.7	31.5	8.6	31.5	10.7	31.4
OBSVNS.	29	29	30	30	29	29
MAXIMUM	8.8	32.4	9.9	31.9	12.9	31.9
MINIMUM	6.8	30.8	7.6	31.1	9.6	30.6
STD.DEV.	0.45	0.32	0.62	0.19	0.82	0.31

BONILLA ISLAND 53 29.6 N 130 38.1 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	12.3	31.8	10.1	32.0	9.7	31.6
2	11.0	31.6	10.4	31.8	9.7	31.9
3	12.5	31.6	11.6	31.4	9.9	31.5
4	11.3	31.0	11.6	31.2	9.2	32.0
5	* 11.6	* 31.2	11.5	31.4	9.8	31.8
6	11.9	31.4	11.8	31.1	9.6	31.6
7	11.1	31.6	12.1	31.1	10.4	31.6
8	11.8	31.6	12.3	30.7	9.1	32.0
9	12.9	31.6	11.6	31.4	9.6	32.0
10	11.2	32.0	11.5	30.8	9.8	31.6
11	11.6	31.8	12.1	31.0	9.9	31.9
12	12.9	31.0	11.7	31.2	11.4	31.2
13	13.4	31.5	10.4	31.6	11.6	31.0
14	13.1	31.5	10.6	32.0	9.9	31.9
15	13.8	31.4	9.4	32.3	10.1	31.5
16	12.7	31.4	9.7	32.1	* 10.0	* 31.5
17	10.9	31.5	9.8	32.4	9.8	31.6
18	10.6	31.6	10.0	31.6	9.9	32.1
19	10.4	31.9	10.2	31.9	9.6	31.9
20	10.6	31.4	10.6	32.0	9.8	31.6
21	11.2	31.6	10.2	31.8	9.7	32.1
22	10.8	31.8	11.8	31.0	10.0	32.1
23	10.6	31.4	11.5	31.2	9.7	31.9
24	11.1	30.6	11.8	30.7	10.4	31.5
25	12.4	29.7	11.9	30.8	10.5	31.2
26	12.3	30.6	12.2	31.2	9.9	31.8
27	12.5	30.7	12.1	31.2	10.0	31.4
28	12.7	30.6	10.9	31.6	10.2	32.0
29	12.1	30.8	11.8	31.4	9.6	32.0
30	10.3	32.0	11.7	31.1	9.5	31.6
31	10.5	31.9	9.9	32.0		
MEANS	11.8	31.4	11.1	31.5	9.9	31.7
OBSVNS.	30	30	31	31	29	29
MAXIMUM	13.8	32.0	12.3	32.4	11.6	32.1
MINIMUM	10.3	29.7	9.4	30.7	9.1	31.0
STD.DEV.	1.00	0.52	0.89	0.48	0.53	0.29

BONILLA ISLAND 53 29.6 N 130 38.1 W

1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	10.1	31.8	8.8	31.6	5.2	31.5
2	9.9	31.9	8.9	31.6	5.1	31.9
3	10.1	31.5	8.7	31.5	4.9	31.5
4	9.7	31.6	8.9	31.2	5.3	31.0
5	9.6	31.9	9.1	31.5	5.9	31.4
6	9.8	31.6	8.3	31.4	6.1	31.6
7	9.2	31.9	* 8.1	* 31.4	6.2	31.6
8	9.4	31.6	7.9	31.5	6.0	31.6
9	9.5	31.4	7.7	31.9	5.9	31.8
10	9.9	31.5	7.7	31.6	5.7	31.5
11	9.4	31.5	7.5	31.9	5.8	31.6
12	10.3	31.6	7.6	31.8	6.0	31.4
13	9.9	31.9	7.3	31.8	6.1	31.2
14	10.0	31.6	7.9	31.5	6.1	31.5
15	9.7	31.8	7.7	31.2	6.2	31.2
16	9.6	31.4	7.1	31.6	6.1	31.6
17	9.7	31.6	7.3	31.5	6.0	30.8
18	9.6	31.6	6.8	31.2	6.1	31.2
19	9.4	31.5	6.4	31.5	6.2	31.5
20	9.3	31.9	6.2	31.4	6.6	31.5
21	9.4	31.6	6.3	31.5	6.4	31.5
22	9.5	31.6	5.7	31.5	6.6	31.6
23	9.3	31.9	6.0	31.2	6.7	31.4
24	9.3	31.4	5.8	31.2	6.2	31.6
25	9.1	32.1	5.7	31.2	6.4	31.6
26	9.0	31.2	4.9	31.5	6.3	31.9
27	9.1	31.8	4.8	31.8	5.9	31.4
28	9.0	31.8	5.0	31.1	6.0	31.6
29	8.9	31.2	5.2	31.4	5.8	31.4
30	8.9	31.5	5.1	31.1	6.2	32.0
31	8.8	31.5			6.0	31.5
MEANS	9.5	31.6	7.0	31.5	6.0	31.5
OBSVNS.	31	31	29	29	31	31
YRLY.MEANS					8.5	31.4
MAXIMUM	10.3	32.1	9.1	31.9	6.7	32.0
MINIMUM	8.8	31.2	4.8	31.1	4.9	30.8
STD.DEV.	0.39	0.22	1.35	0.23	0.42	0.26

CAPE ST. JAMES 51 56.3 N 131 00.8 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	7.8	*	7.7	*	7.1	*
2	7.8	*	7.7	*	7.3	*
3	8.0	*	7.7	*	7.4	*
4	8.1	*	7.8	*	7.4	*
5	8.0	*	7.7	*	7.5	*
6	7.9	*	7.5	*	7.5	*
7	7.9	*	7.4	*	7.5	*
8	8.0	*	7.3	*	7.5	*
9	8.2	*	7.3	*	7.6	*
10	8.0	*	7.4	*	7.5	*
11	8.4	*	7.2	*	7.4	*
12	8.0	*	7.3	*	7.5	*
13	8.4	*	7.3	*	7.3	*
14	8.3	*	7.6	*	7.2	*
15	8.2	*	7.3	*	7.5	*
16	8.2	*	7.2	*	7.4	*
17	8.3	*	6.8	*	7.3	*
18	8.1	*	7.8	*	7.0	*
19	8.2	*	7.5	*	7.2	*
20	8.5	*	7.6	*	7.2	*
21	8.1	*	7.7	*	7.4	*
22	8.3	*	7.8	*	7.4	*
23	8.3	*	7.6	*	7.0	*
24	8.5	*	7.5	*	7.4	*
25	8.2	*	7.4	*	7.3	*
26	8.2	*	7.6	*	7.2	*
27	8.2	*	7.8	*	7.5	*
28	8.0	*	7.3	*	7.4	*
29	8.2	*			7.3	*
30	7.9	*			7.2	*
31	7.8	*			7.3	*
MEANS	8.1	0.0	7.5	0.0	7.3	0.0
OBSVNS.	31	0	28	0	31	0
MAXIMUM	8.5	0.0	7.8	0.0	7.6	0.0
MINIMUM	7.8	0.0	6.8	0.0	7.0	0.0
STD.DEV.	0.20	0.00	0.24	0.00	0.15	0.00

CAPE ST. JAMES 51 56.3 N 131 00.8 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	7.3 *		7.4 *		9.3 *	
2	7.3 *		7.7 *		9.3 *	
3	7.3 *		7.7 *		8.8 *	
4	7.3 *		7.6 *		9.4 *	
5	7.5 *		8.3 *		9.5 *	
6	7.6 *		8.2 *		9.9 *	
7	7.6 *		7.7 *		9.7 *	
8	7.5 *		8.0 *		9.8 *	
9	7.8 *		7.8 *		10.5 *	
10	7.7 *		7.6 *		10.0 *	
11	7.7 *		7.6 *		9.3 *	
12	7.6 *		7.4 *		9.3 *	
13	7.3 *		7.5 *		9.6 *	
14	7.2 *		7.6 *		9.6 *	
15	7.4 *		8.2 *		9.4 *	
16	7.5 *		8.4 *		10.5 *	
17	7.5 *		8.8 *		11.5 *	
18	7.5 *		9.0 *		10.5 *	
19	7.5 *		9.0 *		10.1 *	
20	7.8 *		8.3 *		10.5 *	
21	7.6 *		9.0 *		10.6 *	
22	7.5 *		8.8 *		9.8 *	
23	7.6 *		8.9 *		10.8 *	
24	7.7 *		9.1 *		10.3 *	
25	7.6 *		9.0 *		10.0 *	
26	7.4 *		8.7 *		10.2 *	
27	7.4 *		9.5 *		10.0 *	
28	7.2 *		8.8 *		10.3 *	
29	7.1 *		8.5 *		10.9 *	
30	7.3 *		9.2 *		11.8 *	
31			9.3 *			
MEANS	7.5	0.0	8.3	0.0	10.0	0.0
OBSVNS.	30	0	31	0	30	0
MAXIMUM	7.8	0.0	9.5	0.0	11.8	0.0
MINIMUM	7.1	0.0	7.4	0.0	8.8	0.0
STD.DEV.	0.18	0.00	0.65	0.00	0.68	0.00

CAPE ST. JAMES 51 56.3 N 131 00.8 W

1985	JULY			AUGUST			SEPTEMBER		
DATE	TEMP		SAL	TEMP		SAL	TEMP		SAL
1	11.7	*		12.5	*		12.3	*	
2	11.9	*		12.4	*		12.2	*	
3	11.6	*		11.8	*		12.7	*	
4	11.0	*		12.2	*		11.6	*	
5	11.0	*		12.1	*		12.4	*	
6	11.5	*		12.3	*		13.1	*	
7	12.4	*		12.0	*		13.2	*	
8	12.5	*		12.0	*		12.6	*	
9	11.4	*		11.4	*		13.0	*	
10	11.9	*		12.2	*		12.8	*	
11	11.5	*		12.4	*		12.8	*	
12	10.6	*		14.2	*		13.1	*	
13	11.5	*		14.0	*		13.2	*	
14	11.0	*		13.9	*		12.5	*	
15	12.3	*		14.4	*		12.1	*	
16	11.2	*		13.5	*		11.8	*	
17	12.0	*		13.3	*		11.5	*	
18	11.7	*		13.0	*		12.0	*	
19	12.6	*		12.6	*		11.8	*	
20	12.3	*		12.0	*		11.7	*	
21	12.0	*		11.9	*		12.5	*	
22	12.0	*		12.0	*		12.2	*	
23	11.6	*		12.0	*		12.4	*	
24	12.0	*		11.7	*		12.0	*	
25	12.1	*		12.1	*		12.0	*	
26	12.8	*		12.5	*		11.8	*	
27	13.0	*		12.7	*		12.5	*	
28	13.3	*		12.6	*		12.2	*	
29	13.0	*		12.2	*		12.5	*	
30	14.2	*		12.6	*		12.0	*	
31	13.6	*		12.9	*				
MEANS	12.0		0.0	12.6		0.0	12.4		0.0
OBSVNS.	31		0	31		0	30		0
MAXIMUM	14.2		0.0	14.4		0.0	13.2		0.0
MINIMUM	10.6		0.0	11.4		0.0	11.5		0.0
STD.DEV.	0.81		0.00	0.76		0.00	0.49		0.00

CAPE ST. JAMES 51 56.3 N 131 00.8 W

1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	11.8 *		8.0 *		6.2 *	
2	11.5 *		8.3 *		6.3 *	
3	11.9 *		8.3 *		6.4 *	
4	11.1 *		7.9 *		6.8 *	
5	12.3 *		8.0 *		6.7 *	
6	12.3 *		8.0 *		6.6 *	
7	11.9 *		8.0 *		6.7 *	
8	11.3 *		7.9 *		6.6 *	
9	11.3 *		7.6 *		6.5 *	
10	11.1 *		7.4 *		6.5 *	
11	10.5 *		7.8 *		6.5 *	
12	10.8 *		7.6 *		6.5 *	
13	10.4 *		7.9 *		6.6 *	
14	10.2 *		7.9 *		6.7 *	
15	10.2 *		7.5 *		6.7 *	
16	9.5 *		7.6 *		6.7 *	
17	9.5 *		7.4 *		6.6 *	
18	9.3 *		7.3 *		6.8 *	
19	9.1 *		7.2 *		6.6 *	
20 *	9.0 *		7.0 *		6.6 *	
21	8.9 *		6.5 *		6.8 *	
22	8.6 *		6.6 *		6.8 *	
23	8.5 *		7.0 *		6.8 *	
24	8.5 *		6.9 *		6.7 *	
25	8.4 *		6.8 *		6.7 *	
26	8.1 *		6.0 *		6.5 *	
27	7.9 *		6.3 *		6.6 *	
28	8.0 *		6.3 *		6.9 *	
29	7.8 *		6.4 *		6.8 *	
30	7.8 *		6.2 *		6.8 *	
31	8.0 *				6.8 *	
MEANS	9.9	0.0	7.3	0.0	6.6	0.0
OBSVNS.	30	0	30	0	31	0
YRLY.MEANS					9.1	0.0
MAXIMUM	12.3	0.0	8.3	0.0	6.9	0.0
MINIMUM	7.8	0.0	6.0	0.0	6.2	0.0
STD.DEV.	1.53	0.00	0.68	0.00	0.16	0.00

MCINNES ISLAND 52 15.8 N 128 43.2 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	5.6	30.0	6.2	29.8	6.2	30.0
2	6.2	30.4	6.0	30.0	6.0	30.0
3	6.4	30.4	6.0	29.8	6.1	30.0
4	6.5	30.4	6.0	29.8	6.1	29.3
5	7.5	31.0	6.1	30.3	6.1	28.2
6	7.0	30.7	6.0	30.3	6.1	28.1
7	6.8	30.4	6.0	30.4	6.2	28.6
8	6.8	30.4	5.7	30.4	6.6	30.4
9	6.8	30.6	5.7	30.3	6.6	29.9
10	6.8	30.6	5.6	30.2	6.8	29.1
11	7.0	30.6	* 6.2	* 30.4	6.9	29.7
12	7.2	31.4	6.8	30.6	6.8	29.5
13	7.2	31.4	7.0	30.7	6.8	30.2
14	7.0	31.2	7.2	30.7	6.8	30.3
15	7.1	31.0	7.0	31.0	6.8	31.1
16	7.3	31.0	6.8	31.4	7.0	30.6
17	7.3	31.1	6.8	31.4	6.8	30.6
18	7.2	31.0	6.8	31.0	6.8	30.6
19	7.2	30.7	6.6	30.7	7.0	31.2
20	7.0	30.2	6.7	30.6	6.8	31.0
21	7.0	30.3	7.0	30.7	6.8	30.4
22	6.8	29.8	6.8	30.3	7.1	30.7
23	6.6	29.4	6.8	30.4	6.6	30.3
24	7.0	30.7	6.8	30.4	6.7	30.3
25	6.8	30.2	6.4	30.4	6.7	30.2
26	6.8	30.2	6.5	30.2	6.9	30.2
27	6.8	30.2	6.7	30.2	7.0	29.9
28	6.8	29.9	6.6	30.3	6.8	30.2
29	6.6	30.2			6.5	30.3
30	6.4	30.0			7.0	30.7
31	6.0	29.4			7.0	31.5
MEANS	6.8	30.5	6.5	30.5	6.7	30.1
OBSVNS.	31	31	27	27	31	31
MAXIMUM	7.5	31.4	7.2	31.4	7.1	31.5
MINIMUM	5.6	29.4	5.6	29.8	6.0	28.1
STD.DEV.	0.40	0.51	0.46	0.42	0.33	0.79

MCINNES ISLAND 52 15.8 N 128 43.2 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	7.2	30.7	7.5	29.5	9.7	30.8
2	7.0	30.3	8.1	29.3	9.8	30.7
3	7.0	30.6	8.1	29.4	10.1	30.7
4	7.0	30.6	8.1	29.8	10.2	30.6
5	7.2	30.6	8.4	29.5	10.5	30.4
6	7.2	30.6	8.8	29.4	11.0	30.3
7	7.6	30.4	8.8	28.4	11.0	30.6
8	7.7	30.3	9.2	29.7	11.0	30.7
9	7.8	30.0	8.9	29.9	11.0	30.4
10	7.7	30.3	8.5	30.7	11.2	30.2
11	8.0	29.8	8.1	30.7	10.6	30.2
12	* 7.8	* 30.4	7.8	30.8	10.1	30.6
13	7.6	31.1	8.2	31.6	10.2	30.2
14	7.4	30.4	8.4	31.2	10.8	31.0
15	7.8	30.2	9.0	30.8	11.2	30.8
16	8.0	30.4	9.6	29.7	12.5	29.8
17	7.8	30.4	9.8	29.9	13.0	29.3
18	7.8	30.3	10.0	29.0	13.0	29.9
19	8.0	31.1	10.0	29.1	12.2	30.6
20	8.0	30.0	9.9	29.8	11.4	30.3
21	8.0	30.0	9.6	29.9	12.0	29.5
22	8.0	29.8	9.5	30.3	11.4	30.6
23	8.2	30.3	10.8	29.9	10.8	30.7
24	8.2	30.0	10.2	29.9	12.0	30.6
25	7.6	29.9	9.8	30.2	11.2	30.4
26	7.8	30.6	10.0	30.2	12.0	30.3
27	7.6	30.4	10.8	29.7	11.8	30.6
28	7.5	30.4	10.2	30.0	11.4	30.7
29	7.5	30.7	9.8	30.3	12.4	30.0
30	7.5	30.4	10.2	30.2	13.0	30.3
31			10.0	30.6		
MEANS	7.6	30.4	9.2	30.0	11.3	30.4
OBSVNS.	29	29	31	31	30	30
MAXIMUM	8.2	31.1	10.8	31.6	13.0	31.0
MINIMUM	7.0	29.8	7.5	28.4	9.7	29.3
STD.DEV.	0.35	0.33	0.92	0.67	0.95	0.39

MCINNES ISLAND 52 15.8 N 128 43.2 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	13.0	29.3	12.6	30.4	12.0	31.1
2	13.2	29.8	12.2	30.6	11.8	30.7
3	12.6	30.0	11.8	31.1	11.8	31.0
4	11.2	30.6	12.6	31.4	11.6	31.5
5	11.0	30.6	12.8	31.6	11.2	31.4
6	12.0	31.1	12.6	31.4	11.0	31.2
7	12.6	30.8	13.6	31.4	11.2	31.0
8	14.0	30.8	13.4	29.5	11.5	31.1
9	14.0	30.6	13.6	30.0	12.0	31.1
10	13.0	30.6	13.0	30.2	11.8	30.7
11	13.2	30.6	13.0	31.6	11.9	31.2
12	13.8	31.1	12.8	32.1	12.0	31.6
13	12.4	31.1	12.2	31.8	12.2	31.4
14	13.2	30.6	12.2	31.1	12.1	31.4
15	14.0	31.1	12.4	31.1	12.0	31.5
16	14.0	31.2	13.0	30.0	11.8	31.4
17	15.1	31.2	11.8	30.8	11.6	31.4
18	14.6	30.8	11.8	31.1	11.2	31.2
19	13.6	30.6	12.0	31.1	11.8	31.5
20	13.8	30.7	11.0	31.5	11.4	31.4
21	13.2	30.8	11.0	31.4	11.2	31.6
22	13.2	30.8	11.8	31.8	11.2	31.5
23	13.0	30.6	11.0	31.4	11.2	31.8
24	13.2	30.8	11.2	30.8	11.2	31.6
25	13.6	31.4	10.8	30.8	11.1	31.6
26	13.0	31.1	11.0	31.1	11.0	31.4
27	13.0	30.2	11.4	31.1	12.0	31.0
28	13.2	30.3	11.2	30.8	11.6	30.3
29	13.0	30.0	12.0	30.7	11.4	31.1
30	13.0	30.0	11.6	31.0	11.2	30.6
31	12.8	30.3	11.8	31.0		
MEANS	13.2	30.6	12.1	31.0	11.6	31.2
OBSVNS.	31	31	31	31	30	30
MAXIMUM	15.1	31.4	13.6	32.1	12.2	31.8
MINIMUM	11.0	29.3	10.8	29.5	11.0	30.3
STD.DEV.	0.84	0.47	0.81	0.58	0.37	0.34

MCINNES ISLAND 52 15.8 N 128 43.2 W

1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	11.1	30.3	8.5	28.6	5.2	31.0
2	11.5	31.1	8.2	27.6	5.4	31.2
3	11.2	31.2	8.0	28.8	5.6	31.4
4	11.0	31.4	8.2	29.3	6.2	31.5
5	11.0	31.4	8.6	30.4	6.4	31.5
6	10.8	31.4	8.8	30.2	6.4	31.6
7	10.5	30.6	8.0	28.1	6.3	31.6
8	10.6	31.2	7.8	27.1	6.1	31.1
9	10.5	31.5	7.5	27.2	6.1	31.4
10	10.5	32.1	7.4	28.5	6.0	31.4
11	10.1	31.4	7.2	29.3	6.0	31.2
12	10.3	31.1	6.8	29.1	6.0	31.4
13	10.3	31.5	7.2	29.7	6.2	31.4
14	10.3	31.9	8.3	31.5	6.7	31.8
15	10.1	31.8	8.8	32.1	6.5	31.6
16	10.0	31.8	8.0	31.1	6.4	31.6
17	9.8	31.6	7.6	30.8	6.6	31.4
18	10.0	31.8	7.4	30.4	6.5	31.4
19	9.8	31.9	6.8	29.5	6.4	31.5
20	9.8	32.0	6.0	29.1	6.3	31.1
21	9.4	32.1	6.0	30.0	6.3	31.6
22	9.7	31.5	6.0	30.3	6.3	31.2
23	9.7	31.1	6.0	31.1	6.3	30.7
24	9.6	31.6	6.0	30.8	6.0	31.0
25	9.5	30.7	5.8	30.4	6.0	31.0
26 *	9.3 *	30.2	5.6	30.4	5.9	30.7
27	9.0	29.7 *	5.6 *	30.5	6.0	31.1
28 *	9.1 *	30.6	5.6	30.7	5.9	31.0
29	9.2	31.6	5.5	31.2	6.0	31.0
30	8.9	29.9	5.1	31.1	6.0	31.1
31	8.5	28.4			6.0	31.0
MEANS	10.1	31.2	7.1	29.8	6.1	31.3
OBSVNS.	29	29	29	29	31	31
YRLY.MEANS					9.1	30.6
MAXIMUM	11.5	32.1	8.8	32.1	6.7	31.8
MINIMUM	8.5	28.4	5.1	27.1	5.2	30.7
STD.DEV.	0.73	0.81	1.14	1.30	0.33	0.28

EGG ISLAND 51 15.1 N 127 14.9 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	6.1	32.8	6.9	31.5	6.7	30.7
2	6.6	32.3	6.8	31.9	6.8	31.0
3	7.0	32.0	6.9	32.0	6.9	31.1
4	7.1	32.4	6.8	31.5	6.8	31.0
5	7.3	32.1	7.0	31.6	6.8	30.7
6	7.1 **	33.0	7.0	31.4	6.8	30.8
7	7.1	32.3	6.8	31.4	6.9	30.8
8	7.2	32.8	6.6	31.5	7.0	31.1
9	7.3	32.1	6.6	31.5	7.0	31.0
10	7.2 **	33.2	6.8	31.6	7.0	30.6
11	7.7 **	33.0	6.9	31.6	6.9	31.2
12	7.5	32.5	6.9	31.6	7.1	31.4
13	7.7	32.8	6.9	31.6	7.1	31.0
14	7.5	32.0	7.0	31.5	6.9	31.0
15	7.3	32.0	7.0	31.8	7.1	30.8
16	7.5 **	33.2	7.0	31.8	7.0	31.2
17	7.7	32.1	6.9	31.8	7.0	31.2
18	7.8	32.8	7.0	31.6	7.2	31.1
19	7.7	32.7	7.1	31.6	7.0	31.1
20	7.5	31.9	7.0	31.4	7.0	31.2
21	7.2	32.7	7.1	31.8	7.0	31.4
22	7.2	32.1	7.2	31.6	7.1	31.5
23	7.2	31.6	7.2	31.1	7.0	31.5
24	7.4	31.8	7.1	31.6	7.0	31.1
25	7.2	31.9	7.1	31.5	7.0	31.1
26	7.2	31.8	7.1	31.5	7.0	31.1
27	7.1	32.1	7.2	31.2	7.1	31.1
28	7.2	31.2	7.0	30.2	7.3	31.0
29	6.9	31.1			6.9	31.2
30	7.1	31.8			* 6.9	* 31.3
31	6.9	31.5			7.0	31.4
MEANS	7.2	32.1	7.0	31.5	7.0	31.1
OBSVNS.	31	27	28	28	30	30
MAXIMUM	7.8	32.8	7.2	32.0	7.3	31.5
MINIMUM	6.1	31.1	6.6	30.2	6.7	30.6
STD.DEV.	0.35	0.47	0.16	0.32	0.13	0.23

EGG ISLAND 51 15.1 N 127 14.9 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	7.2	31.1	7.8	31.2	11.0	29.5
2	7.4	32.1	8.0	31.5	12.3	28.5
3	7.0	31.0	7.8	31.4	11.0	30.3
4	7.0	31.2	8.0	31.2	11.2	28.8
5	7.4	31.2	8.2	31.9	11.5	28.9
6	7.7	31.0	8.2	31.0	* 11.7	* 28.9
7	8.8	30.8	8.7	31.4	11.9	29.0
8	8.4	30.4	9.0	31.6	12.2	29.7
9	7.8	31.2	* 8.9	* 31.4	11.8	28.9
10	8.0	31.2	8.8	31.2	10.6	29.4
11	7.8	31.5	8.4	30.8	10.8	30.3
12	8.1	31.8	8.0	31.0	10.7	29.9
13	7.8	31.4	8.1	31.5	10.7	29.9
14	7.9	31.0	8.2	31.1	10.7	29.7
15	8.0	31.4	8.5	31.1	* 11.2	* 29.8
16	8.0	31.6	8.6	31.6	11.8	29.9
17	7.9	31.4	9.6	30.8	12.9	29.7
18	7.9	31.5	9.9	30.6	14.0	25.9
19	7.9	31.8	10.0	30.8	11.1	29.9
20	8.0	31.4	10.5	29.7	10.9	31.2
21	8.0	31.4	10.0	30.6	12.1	28.8
22	8.0	31.4	10.8	30.7	11.5	28.9
23	8.0	31.5	12.0	30.4	* 11.1	* 29.1
24	8.0	31.4	12.4	28.6	10.7	29.4
25	7.9	31.5	10.0	29.7	12.1	25.6
26	7.8	31.5	10.1	28.1	11.7	28.8
27	7.8	31.6	12.4	28.0	12.8	27.8
28	7.8	31.5	11.4	24.7	12.7	27.7
29	7.7	31.5	10.7	28.5	12.9	27.7
30	7.8	31.6	11.4	25.8	13.0	26.4
31			9.8	31.0		
MEANS	7.8	31.4	9.5	30.2	11.7	28.9
OBSVNS.	30	30	30	30	27	27
MAXIMUM	8.8	32.1	12.4	31.9	14.0	31.2
MINIMUM	7.0	30.4	7.8	24.7	10.6	25.6
STD.DEV.	0.36	0.32	1.44	1.72	0.91	1.34

EGG ISLAND 51 15.1 N 127 14.9 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	13.0	27.4	12.5	31.1	10.9	31.6
2	13.9	27.2	11.9	30.7	11.0	31.4
3	15.0	23.8	12.5	30.3	11.1	31.6
4	12.3	28.6	11.8	31.1	10.1	31.9
5	12.9	28.1	11.9	31.8	10.3	31.9
6	14.9	28.6	11.7	31.4	9.7	32.0
7	14.7	29.4	12.2	31.1	9.7	32.1
8	14.9	28.8	12.8	29.0	11.2	30.2
9	15.1	28.1	12.9	29.4	11.7	29.1
10	14.8	28.8	11.3	31.4	10.2	31.6
11	14.9	27.1	11.2	31.2	10.6	31.9
12	14.8	27.4	10.0	31.9	10.9	31.5
13	13.8	26.9	10.2	31.9	11.0	31.4
14	12.9	28.9	10.2	31.6	11.6	31.5
15	13.2	29.1	10.9	31.8	10.2	31.6
16	13.7	29.4	11.4	31.9	9.9	31.6
17	13.5	29.7	10.5	32.0	10.0	31.6
18	13.8	29.4	11.0	31.6	9.8	31.8
19	14.0	29.3	11.3	31.9	9.9	32.0
20	14.2	29.1	11.5	31.6	9.8	32.0
21	14.0	29.8	11.5	31.8	9.8	32.1
22	15.7	29.3	13.6	31.1	9.8	31.6
23	14.0	28.2	12.8	31.0	10.0	31.8
24	14.8	28.9	11.0	31.4	10.7	31.4
25	13.5	28.5	10.0	31.8	10.3	31.5
26	12.2	30.4	10.0	31.9	10.5	31.6
27	12.0	31.1	11.0	32.8	10.3	32.0
28	12.0	30.7	11.5	31.4	10.2	32.3
29	12.2	29.9	11.4	31.6	9.8	32.0
30	12.3	30.4	10.3	32.1	9.5	32.1
31	12.7	30.3	11.2	31.6		
MEANS	13.7	28.8	11.4	31.4	10.3	31.6
OBSVNS.	31	31	31	31	30	30
MAXIMUM	15.7	31.1	13.6	32.8	11.7	32.3
MINIMUM	12.0	23.8	10.0	29.0	9.5	29.1
STD.DEV.	1.07	1.42	0.94	0.75	0.59	0.61

EGG ISLAND 51 15.1 N 127 14.9 W

1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	9.6	32.0	8.8	31.5	6.0	31.8
2	9.8	32.0	8.7	31.5	5.9	31.6
3	9.6	32.0	8.7	31.4	6.5	31.8
4	10.0	32.0	8.3	31.4	7.0	31.9
5	10.9	31.5	8.2	31.2	6.9	32.0
6	10.0	31.9	8.3	31.4	7.0	32.0
7	9.4	31.6	7.9	31.2	7.0	31.9
8	9.1	32.0	7.9	31.0	6.8	31.8
9	8.9	31.9	7.1	30.7	6.7	31.9
10	8.9	31.8	7.3	31.2	6.8	31.8
11	9.0	32.0	7.5	31.1	6.8	31.8
12	8.9	31.8	7.7	31.4	6.9	31.8
13	9.0	31.9	7.8	31.1	6.9	31.8
14	9.5	31.9	8.0	31.4	6.9	31.9
15	9.4	31.9	8.0	31.6	7.0	31.9
16	9.2	31.9	8.1	31.5	7.0	31.9
17	9.0	31.8	7.2	31.4	7.1	31.9
18	9.0	31.8	7.5	31.5	7.1	31.9
19	8.8	31.9	6.9	31.5	6.9	31.8
20	9.0	32.1 *	6.9 *	31.5 *	6.9 *	31.8
21	8.9	31.8	7.0	31.6	7.0	31.9
22	8.7	31.5	5.2	31.6	7.0	31.9
23	8.8	31.9	6.5	31.8	6.9	31.8
24	8.7	31.5	6.9	31.6	6.8	32.1
25	8.6	31.1	5.6	31.6	6.8	31.8
26	8.7	31.4	4.8	31.6	6.7	31.9
27	8.6	31.6	4.6	31.8	6.4	31.8
28	8.7	31.9	5.8	31.8	6.8	32.0
29	8.6	31.5	4.8	31.5	6.9	32.1
30	8.8	31.6	5.8	31.6	6.8	31.8
31	8.8	31.5			6.8	31.9
MEANS	9.1	31.8	7.1	31.4	6.8	31.9
OBSVNS.	31	31	29	29	30	30
YRLY.MEANS					9.1	31.0
MAXIMUM	10.9	32.1	8.8	31.8	7.1	32.1
MINIMUM	8.6	31.1	4.6	30.7	5.9	31.6
STD.DEV.	0.52	0.23	1.25	0.25	0.28	0.10

PINE ISLAND 50 58.5 N 127 43.6 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	7.0	30.7	7.5	30.7	7.4	31.0
2	7.0	30.8	7.4	30.6	7.3	31.0
3	7.2	31.1	7.4	30.7	7.1	30.8
4	7.5	30.8	7.2	30.8	7.2	30.1
5	7.9	31.1	7.6	31.1	7.2	30.1
6	7.9	31.2	7.3	30.8	7.4	31.4
7	8.0	31.0	7.4	31.0	7.6	31.2
8	7.9	31.1	7.6	31.0	7.6	31.5
9	7.9	31.1	7.5	30.8	7.8	31.4
10 *	7.9 *	31.1	7.3	31.0	8.0	31.2
11 *	7.8 *	31.2	7.3	31.0	7.8	31.2
12	7.8	31.2	7.2	31.0	7.6	31.5
13	7.9	31.1	* 7.3	* 31.1	7.7	31.4
14	7.9	30.8	7.5	31.2	7.5	31.1
15	7.9	30.8	7.4	31.2	7.4	31.4
16	7.8	31.0	7.4	31.1	7.4	31.5
17	8.0	30.8	7.3	31.1	7.5	31.2
18	7.9	31.0	7.5	31.0	7.7	31.2
19	7.9	30.8	7.6	31.0	7.7	31.4
20	8.2	31.1	7.3	31.0	7.6	31.4
21	8.0	31.0	7.4	30.8	7.5	31.4
22	8.0	31.0	7.7	31.0	7.5	31.6
23	8.1	31.1	* 7.7	* 31.0	7.2	31.8
24	8.1	31.0	7.8	31.0	7.5	31.4
25	8.2	30.7	7.4	30.8	7.5	31.4
26	8.1	30.8	7.5	30.8	7.4	31.4
27	8.0	30.8	7.5	30.6	8.0	31.2
28	8.0	30.8	7.6	30.8	7.7	31.4
29	7.9	30.8			* 7.7	* 31.4
30	7.9	31.0			7.6	31.4
31	7.8	30.7			7.5	31.1
MEANS	7.9	30.9	7.4	30.9	7.5	31.2
OBSVNS.	29	29	26	26	30	30
MAXIMUM	8.2	31.2	7.8	31.2	8.0	31.8
MINIMUM	7.0	30.7	7.2	30.6	7.1	30.1
STD.DEV.	0.30	0.16	0.15	0.17	0.22	0.37

PINE ISLAND 50 58.5 N 127 43.6 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	7.5	31.2	8.0	31.1	9.4	31.8
2	7.5	31.4	8.0	31.5	9.8	31.6
3	7.0	31.5	7.8	31.5	9.5	31.5
4	7.2	31.4	8.0	31.1	9.3	31.6
5	7.9	31.2	8.5	31.6	9.2	31.8
6	7.9	31.4	8.5	31.6	9.5	31.8
7	8.0	31.5	8.4	31.8	9.3	31.5
8	8.0	31.4	8.9	31.5	9.4	31.4
9	8.2	31.5	8.7	31.6	9.9	31.5
10	8.0	31.4	8.3	31.4	9.7	31.8
11	8.0	31.4	8.1	31.6	9.6	31.4
12	7.9	31.5	8.0	31.8	9.4	31.2
13	8.0	31.5	8.1	31.6	9.3	31.5
14	8.0	31.6	8.2	31.5	9.5	31.6
15	8.0	31.9	8.2	31.8	9.9	31.2
16	8.1	31.6	8.7	31.6	10.0	31.5
17	7.9	31.8	9.1	31.5	10.6	31.5
18	8.0	32.0	8.8	31.1	10.7	31.2
19	8.5	32.3	8.9	31.2	9.8	31.8
20	8.6	31.8	9.3	31.4	9.9	31.5
21	7.9	31.4	9.3	31.6	10.7	31.5
22	7.8	31.5	9.2	31.2	9.9	31.8
23	8.3	31.4	9.6	31.4	9.3	31.6
24	8.1	31.4	9.2	31.5	9.8	31.6
25	7.7	32.0	8.9	31.5	9.6	31.6
26	7.8	31.5	8.9	31.5	9.8	31.4
27	7.7	31.6	9.4	31.6	9.9	31.4
28	7.9	31.8	9.2	31.6	9.9	31.4
29	8.1	31.6	9.1	31.6	9.9	31.4
30	7.9	31.4	9.1	31.9	9.8	31.4
31			9.0	31.6		
MEANS	7.9	31.6	8.7	31.5	9.7	31.5
OBSVNS.	30	30	31	31	30	30
MAXIMUM	8.6	32.3	9.6	31.9	10.7	31.8
MINIMUM	7.0	31.2	7.8	31.1	9.2	31.2
STD.DEV.	0.32	0.25	0.51	0.20	0.39	0.18

PINE ISLAND 50 58.5 N 127 43.6 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	10.3	31.4	9.9	31.5	9.5	31.9
2	10.0	31.2	9.8	31.5	9.8	31.9
3	10.5	31.8	9.8	31.4	9.8	32.0
4	9.8	31.6	10.1	31.8	9.5	31.8
5	9.8	31.6	10.0	31.6	9.7	32.0
6	10.0	31.6	10.0	31.6	10.1	31.5
7	10.0	31.6	10.0	31.5	10.4	31.5
8	10.2	31.8	10.0	31.2	10.3	31.4
9	10.7	31.6	10.5	31.2	10.2	31.5
10	11.3	31.6	10.3	31.4	9.9	31.4
11	10.8	31.5	10.2	31.5	9.8	31.6
12	10.2	31.6	9.3	32.1	9.9	31.5
13	10.1	31.8	9.7	31.6	10.5	31.2
14	10.6	31.6	9.9	31.8	10.1	31.6
15	10.6	31.6	10.2	31.5	9.5	31.8
16	10.2	31.8	10.7	31.6	9.4	32.0
17	11.1	31.8	10.3	31.9	9.6	32.0
18	10.8	31.8	10.4	31.8	9.5	32.0
19	11.0	31.9	10.5	31.6	10.0	31.9
20	10.8	31.6	10.0	31.8	9.4	32.0
21	10.1	31.9	10.6	31.6	9.7	32.1
22	10.5	31.6	10.4	31.8	9.7	32.5
23	10.5	31.5	9.9	31.8	9.5	32.3
24	10.6	31.6	9.9	31.9	9.4	32.5
25	10.8	31.6	9.5	32.0	9.3	32.0
26	10.6	31.8	9.8	31.8	9.6	32.5
27	10.3	31.8	10.3	31.6	9.7	32.0
28	10.5	31.8	10.4	31.2	9.4	31.9
29	10.8	31.6	10.0	31.5	9.6	32.0
30	10.4	31.9	10.0	31.4	9.4	32.1
31	10.1	31.8	10.2	31.6		
MEANS	10.5	31.7	10.1	31.6	9.7	31.9
OBSVNS.	31	31	31	31	30	30
MAXIMUM	11.3	31.9	10.7	32.1	10.5	32.5
MINIMUM	9.8	31.2	9.3	31.2	9.3	31.2
STD.DEV.	0.38	0.16	0.32	0.23	0.32	0.33

PINE ISLAND 50 58.5 N 127 43.6 W

1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	9.2	32.1	9.9	31.4	7.0	31.8
2	9.8	32.1	9.4	31.9	7.0	31.6
3	9.3	32.4	9.5	31.8	7.0	31.6
4	9.4	32.1	9.2	31.5	7.2	31.4
5	9.5	32.0	9.2	31.5	7.2	31.5
6	9.7	32.3	* 9.2	* 31.6	7.3	31.4
7	9.6	31.6	* 9.2	* 31.7	7.5	31.5
8	9.0	31.8	9.2	31.8	7.6	31.6
9	9.0	31.6	* 9.0	* 31.5	7.6	31.4
10	9.0	31.8	8.8	31.2	7.7	31.5
11	9.0	31.9	8.5	31.5	7.5	31.6
12	9.0	32.0	8.3	31.5	7.3	31.6
13	9.0	32.0	8.5	31.6	7.0	31.6
14	9.1	32.0	* 8.4	* 31.6	7.0	31.6
15	9.9	32.0	8.3	31.6	7.0	31.6
16	9.5	32.1	8.3	31.6	7.2	31.5
17	10.3	32.4	8.5	31.8	7.4	31.2
18	10.1	32.4	8.4	31.5	7.3	31.4
19	9.4	32.1	8.3	31.5	7.2	31.6
20	9.8	32.1	8.2	31.5	7.2	31.6
21	9.5	31.8	8.0	31.2	7.1	31.5
22	9.5	32.0	7.5	31.2	7.2	31.8
23	* 9.6	* 31.8	7.7	31.2	7.2	31.8
24	9.8	31.6	7.7	31.1	7.1	31.9
25	9.9	31.8	7.7	31.4	7.0	31.9
26	9.7	31.8	7.1	31.4	7.3	31.5
27	9.8	31.9	7.0	31.4	7.2	31.4
28	9.9	31.8	7.1	31.5	7.1	31.4
29	* 10.0	* 31.8	7.2	31.6	7.3	31.5
30	10.2	31.8	7.0	31.6	7.0	31.5
31	9.6	31.8			7.0	31.4
MEANS	9.5	32.0	8.3	31.5	7.2	31.6
OBSVNS.	29	29	26	26	31	31
YRLY.MEANS					8.7	31.5
MAXIMUM	10.3	32.4	9.9	31.9	7.7	31.9
MINIMUM	9.0	31.6	7.0	31.1	7.0	31.2
STD.DEV.	0.39	0.23	0.83	0.20	0.20	0.16

KAINS ISLAND 50 26.6 N 128 01.8 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	7.0	29.9	7.8	30.0	7.6	29.0
2	7.0	29.8	7.2	30.4	7.5	29.0
3	7.0	29.7	7.2	30.3	7.9	29.7
4	7.9	29.9	7.5	30.3	7.3	29.9
5	7.9	29.9	7.5	30.3	7.1	29.4
6	7.6	29.8	7.8	31.1	7.2	28.9
7	7.7	29.9	7.3	30.2	7.9	29.9
8	7.4	29.8	7.0	29.9	7.8	29.9
9	7.9	29.9	6.9	30.7	8.0	30.2
10	7.7	30.3	7.5	30.4	8.2	30.3
11	8.4	30.3	7.5	30.8	8.0	30.0
12	8.2	30.0	7.6	30.8	8.2	30.4
13	8.7	30.2	7.4	31.2	8.1	30.3
14	8.6	30.2	7.5	31.0	8.0	30.6
15	8.6	30.2	7.2	31.5	7.9	30.8
16	8.3	29.8	7.3	30.7	7.7	30.3
17	8.4	29.9	7.8	30.8	8.3	30.6
18	8.4	29.9	7.8	30.3	8.5	30.6
19	8.5	30.7	7.5	27.8	8.2	30.8
20	7.8	29.1	7.6	28.9	7.7	30.0
21	8.4	30.3	8.0	29.1	8.0	29.7
22	7.9	29.9	8.2	29.9	7.9	30.3
23	8.1	29.9	8.2	29.7	7.5	31.1
24	8.4	30.7	8.0	28.6	7.6	30.3
25	7.8	29.9	7.8	28.4	7.7	30.6
26	8.0	30.2	8.0	28.8	7.3	29.9
27	8.2	30.3	8.2	28.6	8.2	29.4
28	7.9	29.8	8.1	29.1	8.0	29.9
29	7.9	30.7			7.8	30.0
30	8.2	30.3			7.9	30.6
31	7.4	30.4			7.9	31.1
MEANS	8.0	30.1	7.6	30.0	7.8	30.1
OBSVNS.	31	31	28	28	31	31
MAXIMUM	8.7	30.7	8.2	31.5	8.5	31.1
MINIMUM	7.0	29.1	6.9	27.8	7.1	28.9
STD.DEV.	0.47	0.33	0.37	0.97	0.33	0.58

KAINS ISLAND 50 26.6 N 128 01.8 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	8.0	31.1	8.4	29.9	11.3	30.3
2	7.7	27.1	8.8	29.8	11.1	30.6
3	7.6	29.1	8.8	30.0	11.0	31.1
4	7.8	28.6	9.0	29.5	11.7	30.7
5	8.0	28.5	9.2	29.0	12.2	30.8
6	8.2	30.6	9.6	29.4	12.3	30.6
7	8.8	29.8	9.2	30.0	12.4	30.8
8	9.7	29.9	9.7	29.9	12.1	31.0
9	9.9	30.0	10.0	29.9	12.8	30.7
10	9.0	29.8	9.6	29.9	11.7	31.0
11	8.8	30.2	9.0	30.2	11.1	31.1
12	8.7	30.4	9.0	30.0	11.0	30.8
13	9.0	29.8	8.8	30.7	11.1	30.6
14	8.6	29.5	8.9	29.9	11.5	31.1
15	8.5	30.0	9.3	30.0	11.5	30.7
16	8.8	29.5	9.9	29.9	12.2	30.7
17	8.6	30.4	10.4	30.2	12.4	30.8
18	8.4	30.0	11.0	30.0	15.5	31.2
19	8.4	29.9	10.8	30.0	13.2	31.5
20	8.8	30.4	10.8	30.3	11.8	32.4
21	8.7	30.0	10.8	30.4	11.3	31.4
22	8.4	29.9	10.7	30.0	11.7	31.2
23	9.0	30.4	11.2	30.3	10.7	31.2
24	8.9	29.8	11.6	30.2	10.7	31.4
25	8.3	29.9	12.3	30.3	10.8	31.9
26	8.5	30.4	11.2	30.3	10.8	31.9
27	8.4	30.0	10.6	30.3	10.8	31.9
28	8.1	30.6	12.3	30.3	10.8	32.1
29	8.3	29.9	10.6	30.2	11.2	31.5
30	8.4	29.7	11.2	30.3	11.2	32.0
31			11.2	30.3		
MEANS	8.5	29.8	10.1	30.0	11.7	31.2
OBSVNS.	30	30	31	31	30	30
MAXIMUM	9.9	31.1	12.3	30.7	15.5	32.4
MINIMUM	7.6	27.1	8.4	29.0	10.7	30.3
STD.DEV.	0.51	0.75	1.10	0.33	0.98	0.53

KAINS ISLAND 50 26.6 N 128 01.8 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	12.2	31.4	11.6	32.3	12.5	32.4
2	13.0	31.4	10.9	32.8	12.9	31.9
3	13.0	31.5	12.2	32.5	13.5	32.0
4	12.5	31.6	12.3	32.7	11.8	32.1
5	14.8	32.8	12.4	32.3	11.9	32.7
6	13.8	31.8	12.6	31.9	12.3	31.9
7	13.4	31.6	13.2	31.5	12.2	31.9
8	13.0	31.2	12.9	31.8	12.3	32.1
9	13.6	31.6	13.5	32.0	12.0	32.4
10	13.1	31.6	13.8	32.0	12.0	32.5
11	13.5	31.1	13.7	32.7	11.9	32.4
12	13.8	31.5	12.6	32.4	12.0	32.4
13	13.8	32.0	12.9	32.3	12.1	32.1
14	13.7	31.4	13.0	31.8	12.0	31.9
15	13.0	31.5	12.0	32.3	12.1	31.6
16	13.2	31.5	12.3	32.1	12.1	32.1
17	13.3	31.6	12.9	32.3	12.2	31.9
18	12.8	31.9	12.4	32.4	12.2	31.6
19	12.9	31.9	12.5	32.7	12.0	31.9
20	12.4	31.9	11.5	32.5	11.9	31.6
21	12.4	31.9	11.9	32.7	12.0	31.6
22	12.8	31.8	12.2	32.7	12.0	31.6
23	11.9	32.1	12.6	32.7	11.5	31.6
24	13.8	32.1	12.5	32.1	12.1	31.6
25	13.6	31.9	11.7	32.8	11.8	31.8
26	12.7	31.9	11.7	32.4	11.8	32.0
27	13.0	31.8	12.0	32.7	11.8	32.4
28	12.4	31.6	11.7	32.8	11.7	31.6
29	12.9	32.0	11.2	32.7	11.5	32.0
30	11.8	32.1	11.9	32.7	11.4	31.9
31	12.0	31.9	11.8	32.8		
MEANS	13.0	31.7	12.3	32.4	12.1	32.0
OBSVNS.	31	31	31	31	30	30
MAXIMUM	14.8	32.8	13.8	32.8	13.5	32.7
MINIMUM	11.8	31.1	10.9	31.5	11.4	31.6
STD.DEV.	0.67	0.33	0.70	0.36	0.40	0.32

KAINS ISLAND 50 26.6 N 128 01.8 W

1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	11.6	31.6	10.2	27.6	6.3	32.8
2	11.8	32.1	9.8	26.8	6.5	31.9
3	11.8	32.0	9.5	25.8	7.2	32.1
4	11.8	32.1	9.7	29.4	7.5	32.0
5	11.8	32.4	9.7	28.1	7.8	32.0
6	11.8	31.8	9.3	27.4	7.2	31.4
7	11.2	31.9	8.8	27.2	7.2	30.6
8	10.6	32.0	8.8	27.7	6.9	30.3
9	11.1	31.6	8.6	28.0	6.2	30.3
10	11.2	31.6	8.0	29.4	6.4	30.2
11	11.2	31.8	8.1	29.3	6.4	30.2
12	11.2	31.8	8.3	29.7	7.0	31.0
13	11.3	31.9	8.8	30.4	7.0	30.8
14	11.6	30.2	9.2	30.4	7.1	31.1
15	11.4	32.0	9.0	30.2	7.7	31.2
16	11.2	32.0	8.8	30.4	7.5	31.5
17	11.4	29.1	8.0	30.0	7.5	31.2
18	11.3	31.5	7.8	30.0	7.5	31.2
19	11.2	30.8	7.1	30.4	7.2	31.1
20	11.0	29.5	7.0	29.9	7.2	31.4
21	10.8	29.8	6.9	30.4	7.5	31.5
22	9.9	29.1	6.4	30.6	7.8	31.1
23	10.4	29.0	6.5	30.7	7.7	31.2
24	10.2	28.6	6.6	31.2	7.1	31.0
25	9.7	27.6	6.3	30.7	6.9	31.1
26	10.1	28.9	6.0	30.7	6.8	30.8
27	9.8	28.9	5.8	31.0	6.9	31.4
28	9.7	28.9	6.3	31.8	7.0	31.2
29	10.0	29.9	6.2	31.1	7.1	30.6
30	9.8	28.4	6.2	31.1	6.8	31.9
31	10.0	29.5			7.2	32.8
MEANS	10.9	30.6	7.9	29.6	7.1	31.3
OBSVNS.	31	31	30	30	31	31
YRLY.MEANS					9.8	30.7
MAXIMUM	11.8	32.4	10.2	31.8	7.8	32.8
MINIMUM	9.7	27.6	5.8	25.8	6.2	30.2
STD.DEV.	0.73	1.47	1.36	1.53	0.44	0.66

AMPHITRITE POINT 48 55.3 N 125 32.3 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1 *	6.7 *	28.4	7.1	29.8	7.6	29.8
2	6.8	28.1	7.1	29.9	7.2	29.3
3	7.8	30.2	7.0	29.7	7.2	30.2
4	7.8	30.2	6.9	30.2	* 7.2 *	29.2
5	8.0	29.5	6.8	30.0	* 7.3 *	28.3
6	7.8	29.9	6.9	29.8	7.3	27.3
7	8.0	30.6	6.7	29.4	7.3	27.4
8	7.9	30.3	6.9	29.3	7.8	28.5
9	8.0	30.2	6.9	29.4	7.8	29.0
10	7.7	30.0	6.8	28.9	8.0	28.9
11	7.8	29.9	7.2	30.6	8.0	28.8
12	7.9	30.2	7.2	30.6	8.0	30.0
13	7.8	29.8	6.8	29.1	8.0	30.2
14	7.8	29.9	* 6.9 *	29.8	7.8	30.3
15 *	7.8 *	29.9	7.0	30.6	7.7	30.3
16	7.7	29.8	7.2	29.9	7.3	30.4
17	7.8	30.0	7.1	29.7	7.6	30.3
18	8.0	30.3	7.2	28.8	8.0	30.6
19	8.0	30.2	7.2	27.4	7.8	30.6
20	8.0	30.2	7.4	30.0	7.8	30.4
21	8.1	30.0	7.8	28.2	8.2	30.3
22	8.0	29.9	8.2	30.2	8.8	29.9
23	8.1	29.8	8.1	29.9	* 8.4 *	29.9
24	7.9	29.8	8.2	30.2	8.0	29.8
25	7.9	29.9	8.2	30.0	8.0	30.2
26	7.3	29.9	8.0	29.8	7.8	29.7
27	7.1	30.2	8.0	29.5	8.0	29.7
28	7.0	30.0	7.8	30.2	7.8	29.8
29	7.0	29.5			8.2	30.3
30	7.1	29.7			8.1	31.1
31	7.0	29.9			8.2	30.6
MEANS	7.7	29.9	7.3	29.7	7.8	29.8
OBSVNS.	29	29	27	27	28	28
MAXIMUM	8.1	30.6	8.2	30.6	8.8	31.1
MINIMUM	6.8	28.1	6.7	27.4	7.2	27.3
STD.DEV.	0.39	0.43	0.51	0.72	0.36	0.91

AMPHITRITE POINT 48 55.3 N 125 32.3 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL.	TEMP	SAL.	TEMP	SAL.
1	8.2	29.3	9.3	28.4	11.6	28.9
2	8.3	29.4	9.9	28.0	11.7	29.1
3	7.8	29.8	9.9	28.1	11.9	29.0
4	8.2	29.9	10.0	29.0	12.0	29.5
5	9.0	30.0	9.7	29.1	12.0	29.8
6	9.7	28.9	10.1	29.0	12.6	29.8
7	9.8	29.1	10.6	28.8	12.7	29.7
8	9.5	29.4	10.8	28.9	10.7	31.4
9	10.0	29.1	11.0	28.6	10.7	30.8
10	9.6	28.8	11.1	28.8	11.0	30.8
11	9.7	28.9	11.0	28.8	11.2	30.7
12	9.5	29.8	10.8	28.5	11.0	30.6
13	9.1	29.7	9.1	29.3	10.9	29.8
14	9.3	29.5	9.2	29.9	12.1	29.8
15	9.1	29.5	10.0	29.5	10.2	30.8
16	9.0	29.1	10.9	29.4	12.1	30.2
17	9.0	29.3	11.6	28.8	12.4	30.2
18	8.8	30.0	11.7	28.6	12.6	30.3
19	9.0	30.2	10.9	29.3	11.6	31.2
20	9.0	29.8	10.8	30.0	10.8	31.5
21	9.0	29.8	11.1	30.0	10.7	31.2
22	9.0	29.3	11.5	30.0	10.3	31.4
23	9.0	30.3	11.4	29.8	10.4	31.1
24	9.0	30.0	11.5	30.0	10.8	30.8
25	9.0	29.4	11.4	29.7	10.5	31.1
26	8.9	29.3	11.2	29.1	10.7	31.4
27	8.7	29.8	11.0	29.5	10.4	31.4
28	8.8	28.6	10.5	30.6	10.8	30.8
29	8.7	30.2	9.6	30.2	10.5	31.1
30	8.8	28.8	9.8	30.8	11.8	30.4
31			11.0	29.8		
MEANS	9.0	29.5	10.6	29.3	11.3	30.5
OBSVNS.	30	30	31	31	30	30
MAXIMUM	10.0	30.3	11.7	30.8	12.7	31.5
MINIMUM	7.8	28.6	9.1	28.0	10.2	28.9
STD.DEV.	0.49	0.46	0.76	0.70	0.77	0.77

AMPHITRITE POINT 48 55.3 N 125 32.3 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	12.5	30.7	14.8	30.7	13.0	31.2
2	13.7	30.7	14.3	30.2	13.1	30.8
3	13.6	31.0	14.4	30.3	13.3	31.1
4	13.4	30.6	14.0	30.7	13.1	31.0
5	13.8	30.6	14.2	31.4	11.1	31.1
6	13.2	30.7	14.0	31.0	11.9	31.1
7	13.6	31.1	14.0	31.2	12.9	30.7
8	13.8	30.7	13.8	31.8	12.3	30.7
9	13.8	31.0	12.7	31.2	12.2	30.8
10	14.8	30.7	12.9	31.5	12.9	31.1
11	12.6	30.3	13.8	31.5	13.3	30.6
12	12.8	30.4	14.4	31.9	12.0	30.2
13	12.1	30.8	14.7	31.0	12.0	30.3
14	12.5	30.7	14.7	31.1	12.1	30.3
15	13.9	30.7	15.2	31.2	12.3	30.2
16	13.8	30.8	15.3	31.4	12.1	30.0
17	13.7	30.6	15.2	31.1	12.8	30.3
18	12.8	31.0	15.0	31.5	12.8	30.3
19	12.9	30.8	14.6	31.5	13.0	30.2
20	13.3	30.6	14.8	31.0	13.1	30.2
21	13.0	30.2	15.0	31.2	12.7	30.3
22	12.6	30.8	14.0	31.2	12.5	30.0
23	12.2	31.0	14.5	31.4	12.0	30.6
24	13.0	30.7	13.1	31.1	12.7	30.3
25	13.8	30.8	13.4	31.2	13.2	30.6
26	13.8	30.7	13.8	30.7	13.1	30.8
27	13.1	30.7	13.8	31.2	13.4	31.1
28	14.0	30.8	13.5	31.2	13.6	31.1
29	15.0	30.6	13.8	31.4	13.8	31.0
30	15.1	30.7	14.1	30.7	13.6	31.1
31	14.7	30.8	14.0	31.8		
MEANS	13.4	30.7	14.2	31.2	12.7	30.6
OBSVNS.	31	31	31	31	30	30
MAXIMUM	15.1	31.1	15.3	31.9	13.8	31.2
MINIMUM	12.1	30.2	12.7	30.2	11.1	30.0
STD.DEV.	0.78	0.19	0.67	0.39	0.62	0.39

AMPHITRITE POINT 48 55.3 N 125 32.3 W

1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	13.3	31.2	10.5	28.2	7.0	30.3
2	13.4	31.4	10.5	27.6	7.8	30.4
3	13.3	31.5	10.7	27.3	8.0	31.0
4	12.8	31.2	10.3	28.4	7.9	30.2
5	12.9	31.2	10.1	26.7	7.9	30.3
6	12.8	31.1	10.1	27.7	7.7	30.3
7	11.9	31.6	10.0	29.7	* 7.3	* 30.1
8	11.2	31.1	9.8	28.6	6.9	29.9
9	11.0	31.0	9.2	26.9	6.7	29.7
10	11.1	31.2	9.2	27.6	6.9	29.7
11	10.9	31.4	8.9	28.1	7.0	29.9
12	10.9	31.1	8.8	27.6	6.8	29.3
13	11.0	28.4	8.3	27.8	6.7	29.1
14	11.2	28.6	8.9	28.4	6.3	28.4
15	11.0	28.4	9.0	28.1	6.7	28.6
16	11.3	28.4	9.0	28.6	7.0	29.0
17	11.0	28.0	8.9	28.5	7.1	28.9
18	11.1	27.3	8.0	28.4	7.1	28.6
19	10.8	30.0	8.3	29.4	7.0	28.9
20	10.8	29.8	8.2	29.1	6.8	28.9
21	11.0	29.8	7.1	29.4	6.7	29.1
22	10.9	29.4	7.0	29.9	6.8	29.5
23	10.4	30.0	7.2	29.7	6.8	29.9
24	10.3	26.4	7.0	29.9	7.0	29.9
25	10.3	28.6	6.8	29.8	7.0	29.9
26	10.4	29.5	7.2	30.4	6.9	29.9
27	10.3	29.3	5.1	30.0	6.9	29.9
28	10.2	29.5	6.3	30.0	6.3	29.9
29	10.3	29.3	7.0	30.6	6.4	29.8
30	10.5	29.3	7.0	30.3	6.6	29.4
31	10.3	29.5			6.3	29.9
MEANS	11.2	29.8	8.5	28.8	7.0	29.6
OBSVNS.	31	31	30	30	30	30
YRLY.MEANS					10.1	30.0
MAXIMUM	13.4	31.6	10.7	30.6	8.0	31.0
MINIMUM	10.2	26.4	5.1	26.7	6.3	28.4
STD.DEV.	1.00	1.37	1.45	1.11	0.47	0.62

CAPE BEALE 48 47.2 N 125 12.9 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL.	TEMP	SAL.	TEMP	SAL.
1	6.0	32.00	6.4	30.00	7.5	32.00
2	6.0	32.00	6.0	30.00	7.5	32.00
3	6.2	32.00	6.2	30.00	7.5	32.00
4	6.9	32.00	6.0	30.00	7.0	32.00
5	7.0	32.00	6.0	29.00	7.0	31.00
6	7.0	32.00	6.0	29.00	7.0	31.00
7	7.0	32.00	7.0	30.00	7.2	32.00
8	7.0	32.00	7.0	30.00	7.0	32.00
9	7.0	32.00	7.0	30.00	7.8	32.00
10	7.5 *	32.00	7.0	30.00	7.8	32.20
11	7.1	32.00	6.8	28.00	8.0	32.00
12	7.1	32.00	7.0	30.00	7.9	32.00
13	7.0	32.00	7.0	30.00	7.9	32.00
14	7.5	31.00	7.0	29.00	7.9	32.00
15	7.0	30.00	7.0	29.00	7.9	32.00
16	7.2	30.00	7.0	30.00	7.8	32.00
17	7.5	30.00	7.5	31.00	7.8	32.00
18	8.0	30.00	7.5	30.00	8.0	32.00
19	8.0	30.00	7.6	30.00	8.0	32.00
20	8.0	30.00	8.0	31.00	7.2	32.00
21	7.5	29.00	7.9	31.00	7.8	31.00
22	7.5	30.00	8.1	31.00	7.5	31.00
23	7.0	30.00	8.0	31.00	7.2	28.00
24	7.0	30.00	7.5	31.00	7.5	30.00
25	7.0	30.00	8.0	32.00	7.8	31.00
26 *	7.0 *	30.00	8.0	31.00	7.2	30.00
27	7.0	30.00	8.0	30.00	7.5	31.00
28	6.8	30.00	8.0	30.00	7.5	30.00
29	6.8	28.00			7.8	27.00
30	6.0	30.00			7.8	27.00
31	6.0	30.00			8.0	30.00
MEANS	7.0	30.76	7.2	30.11	7.6	31.10
OBSVNS.	30	29	28	28	31	31
MAXIMUM	8.0	32.00	8.1	32.00	8.0	32.20
MINIMUM	6.0	28.00	6.0	28.00	7.0	27.00
STD.DEV.	0.56	1.15	0.71	0.83	0.34	1.45

CAPE BEALE 48 47.2 N 125 12.9 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	8.0	29.00	10.5	32.00	11.5	31.00
2	8.0	30.00	10.5	32.00	11.5	30.00
3	8.0	30.00	10.0	31.00	11.5	30.00
4	8.0	30.00	10.0	33.00	11.5	30.00
5	8.0	31.00	9.7	32.00	11.0	31.00
6	8.0	31.00	9.8	32.00	11.0	31.00
7	9.5	30.00	10.5	30.00	12.0	30.00
8	9.8	30.00	11.0	30.00	12.0	31.00
9	10.0	30.00	11.0	30.00	12.0	32.00
10	9.5	28.00	10.2	30.00	12.0	31.00
11	9.5	28.00	* 10.1	* 31.00	12.0	31.00
12	9.5	29.00	10.0	32.00	12.0	31.00
13	9.5	29.00	9.0	32.00	11.2	32.00
14	9.6	29.00	10.0	32.00	12.0	31.00
15	9.6	29.00	10.0	32.00	12.5	31.00
16	9.5	28.00	* 11.0	* 32.00	12.5	32.00
17	9.5	29.00	12.0	32.00	12.5	31.00
18	9.6	29.00	12.0	32.00	12.5	31.00
19	9.6	30.00	12.0	33.00	12.4	31.00
20	9.8	30.00	12.0	33.00	11.8	31.00
21	9.8	30.00	12.0	33.00	12.0	32.00
22	9.8	33.00	12.0	29.00	14.0	32.00
23	9.5	32.00	12.2	29.00	*	*
24	9.5	31.00	12.2	29.00	*	*
25	9.5	33.00	11.0	31.00	*	*
26	* 9.8	* 31.50	11.0	32.00	*	*
27	10.2	30.00	12.0	30.00	11.7	32.00
28	10.2	32.00	12.0	30.00	11.0	32.00
29	10.2	32.00	11.5	30.00	11.0	32.00
30	10.5	32.00	11.5	31.00	11.5	31.00
31			11.5	31.00		
MEANS	9.4	30.14	11.0	31.21	11.9	31.15
OBSVNS.	29	29	29	29	26	26
MAXIMUM	10.5	33.00	12.2	33.00	14.0	32.00
MINIMUM	8.0	28.00	9.0	29.00	11.0	30.00
STD.DEV.	0.76	1.41	0.95	1.26	0.66	0.67

CAPE BEALE 48 47.2 N 125 12.9 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	13.5	31.00	13.0	32.00	12.0	30.00
2	14.0	33.00	13.0	30.00	12.0	30.00
3	13.5	33.00	12.6	33.00	12.0	30.00
4	12.5	33.00	12.9	33.00	11.5	30.00
5	12.5	32.00	13.0	33.00	12.0	30.00
6	13.0	28.00	13.0	30.00	12.5	30.00
7	13.5	32.00	13.0	30.00	12.5	30.00
8	13.5	33.00	13.5	31.00	12.5	30.00
9	13.5	33.00	13.0	30.00	12.0	30.00
10	15.5	33.00	* 13.0	* 30.00	12.0	30.00
11	15.5	31.00	13.0	30.00	* 11.8	* 30.00
12	15.0	32.00	13.0	30.00	* 11.7	* 30.00
13	13.2	32.00	14.0	30.00	11.5	30.00
14	15.0	33.00	14.2	30.00	11.5	30.00
15	15.0	32.00	13.5	30.00	12.0	31.79
16	* 15.0	* 32.50	*	*	13.5	31.33
17	15.0	33.00	*	*	13.0	31.58
18	* 13.6	33.00	*	*	13.0	31.63
19	12.1	33.00	12.5	30.00	13.0	31.94
20	12.2	* 32.70	13.0	30.00	13.0	31.95
21	* 12.6	* 32.30	12.5	30.00	13.0	31.91
22	13.0	32.00	13.0	30.00	13.0	31.85
23	13.5	33.00	13.5	30.00	13.0	31.58
24	12.0	32.00	14.0	30.00	13.0	31.71
25	12.9	33.00	12.5	31.00	12.0	31.93
26	12.6	33.00	* 12.3	* 31.00	* 12.0	* 31.80
27	13.8	33.00	12.0	31.00	12.0	31.67
28	13.8	33.00	12.0	30.00	12.0	31.71
29	13.8	31.00	* 12.0	* 30.00	11.5	31.94
30	12.1	33.00	12.0	30.00	11.5	32.04
31	12.5	33.00	* 12.0	* 30.00		
MEANS	13.5	32.36	13.0	30.58	12.3	30.98
OBSVNS.	28	28	24	24	27	27
MAXIMUM	15.5	33.00	14.2	33.00	13.5	32.04
MINIMUM	12.0	28.00	12.0	30.00	11.5	30.00
STD.DEV.	1.06	1.11	0.59	1.06	0.61	0.91

CAPE BEALE 48 47.2 N 125 12.9 W

1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	12.0	31.93	10.0	28.81	5.5	31.85
2	12.0	32.09	10.2	29.68	5.2	31.86
3	11.5	32.10	10.2	29.78	6.8	31.87
4	11.5	31.94	9.5	28.82	7.0	30.13
5	11.0	31.97	9.8	29.46	7.0	30.05
6	11.0	32.00	10.0	30.07	7.0	30.41
7	10.0	31.96	9.8	30.24	6.8	30.65
8	10.0	31.96	10.0	30.85	7.0	31.28
9	10.2	30.20	9.0	31.20	7.0	31.44
10	10.0	31.21	8.8	31.00	5.5	30.84
11	10.0	31.74	8.8	30.96	6.0	30.33
12	10.0	30.91	8.5	31.10	* 6.2	* 30.56
13	10.2	31.21	8.5	* 30.57	6.5	30.79
14	10.0	31.51	8.5	30.04	7.0	30.88
15	10.5	31.25	8.8	29.99	6.8	30.68
16	10.5	31.01	8.5	31.40	6.8	31.64
17	10.5	30.96	8.0	31.88	7.0	30.92
18	10.0	31.34	7.0	31.88	7.0	31.61
19	10.8	28.63	7.0	31.27	7.0	31.53
20	10.0	30.17	7.0	31.18	7.0	31.61
21	10.0	28.62	6.5	31.23	7.0	31.53
22	9.5	27.95	6.5	31.62	6.8	31.53
23	10.0	31.24	6.0	31.60	6.5	31.56
24	10.0	31.10	6.8	31.61	6.5	31.54
25	10.2	30.50	7.0	31.74	6.5	32.32
26	10.2	30.92	5.5	31.58	6.5	32.82
27	10.2	29.32	5.0	31.73	6.4	30.58
28	10.2	30.14	5.5	32.00	6.4	31.67
29	10.0	30.16	5.5	32.05	6.4	31.76
30	10.0	31.00	5.8	31.99	6.5	31.86
31	10.0	31.07			6.2	31.73
MEANS	10.4	30.91	7.9	30.92	6.6	31.31
OBSVNS.	31	31	30	29	30	30
YRLY.MEANS					9.7	
MAXIMUM	12.0	32.10	10.2	32.05	7.0	32.82
MINIMUM	9.5	27.95	5.0	28.81	5.2	30.05
STD.DEV.	0.63	1.08	1.67	0.96	0.49	0.66

SHERINGHAM POINT 48 22.7 N 123 55.2 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	8.2	30.4	8.1	30.4	8.1	30.3
2	8.0	30.2	8.0	30.4	8.0	31.1
3	8.2	30.4	8.2	30.3	8.1	29.9
4	8.0	30.2	8.0	30.2	8.0	31.1
5	8.0	30.2	8.1	30.3	8.2	30.6
6	8.2	30.2	8.0	30.4	8.2	29.9
7	8.2	30.2	8.2	30.4	8.4	30.6
8	8.4	30.3	7.8	30.4	8.1	31.1
9	8.4	30.4	8.2	30.4	8.6	30.8
10	8.0	30.2	8.2	30.4	8.6	30.7
11	8.0	30.4	8.4	30.4	8.4	31.2
12	8.0	30.3	8.2	30.6	8.2	30.4
13	8.2	30.2	* 8.2	* 30.5	8.4	30.6
14	8.0	31.0	8.1	30.4	8.1	31.1
15	8.2	30.4	8.8	30.3	8.2	30.7
16	8.2	30.6	8.0	30.4	8.2	30.2
17	8.4	30.4	8.2	30.4	8.4	30.4
18	8.2	30.4	8.1	30.2	8.2	31.2
19	8.0	30.6	8.0	30.6	8.4	30.7
20	8.2	30.4	7.8	30.6	8.3	30.4
21	8.0	30.6	8.2	30.4	8.4	30.4
22	8.2	30.4	8.0	30.4	8.2	31.1
23	8.2	30.4	8.0	30.4	8.4	30.7
24	8.2	30.2	8.2	30.2	8.6	30.6
25	8.0	30.4	8.2	30.4	8.4	30.6
26	8.1	30.3	8.0	30.2	8.2	30.2
27	8.0	30.2	8.2	30.2	8.4	30.4
28	8.2	30.0	8.0	30.4	8.0	30.7
29	8.0	30.2			8.2	30.4
30	8.2	30.3			8.2	30.2
31	8.1	30.0			8.4	29.9
MEANS	8.1	30.3	8.1	30.4	8.3	30.6
OBSVNS.	31	31	27	27	31	31
MAXIMUM	8.4	31.0	8.8	30.6	8.6	31.2
MINIMUM	8.0	30.0	7.8	30.2	8.0	29.9
STD.DEV.	0.13	0.19	0.19	0.11	0.17	0.38

SHERINGHAM POINT 48 22.7 N 123 55.2 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	8.4	30.2	8.9	30.6	9.4	31.1
2	8.4	30.4	8.8	30.6	9.6	31.2
3	8.5	30.4	8.6	30.2	9.9	31.4
4	8.5	30.6	8.4	30.4	10.0	31.5
5	8.6	30.3	8.6	30.6	10.0	31.0
6	8.6	30.3	8.8	30.6	10.2	31.1
7	8.5	30.2	8.6	30.7	10.2	31.0
8	8.5	30.3	8.4	30.2	10.0	31.2
9	8.8	30.6	8.8	30.6	10.2	31.5
10	8.6	30.6	8.6	30.4	10.2	31.4
11	8.8	30.8	8.8	30.7	10.0	31.4
12	8.6	30.6	8.6	30.4	10.2	31.1
13	8.8	30.6	8.7	30.4	10.2	30.8
14	8.6	30.2	8.8	30.6	10.2	30.7
15	8.8	30.4	8.6	30.4	10.2	30.6
16	8.8	30.8	8.6	30.6	10.4	30.8
17	8.6	30.3	8.7	30.7	10.2	30.7
18	8.8	30.6	8.7	30.8	10.4	30.6
19	8.6	30.7	8.6	30.8	10.2	30.8
20	8.6	30.6	8.8	31.1	10.4	30.8
21	8.6	30.6	8.7	30.7	10.2	30.6
22	8.8	30.6	8.6	30.8	10.4	30.8
23	8.8	30.3	8.8	31.0	10.2	30.6
24	8.6	30.6	8.6	31.2	10.4	30.8
25	8.8	30.7	9.0	30.8	10.2	31.1
26	8.8	30.6	8.8	31.0	10.2	31.0
27	8.6	30.4	8.7	30.7	10.2	31.4
28	8.8	30.3	8.9	31.0	10.3	31.1
29	8.8	30.8	8.9	30.7	10.4	30.8
30	8.9	30.7	9.1	31.0	10.5	30.3
31			9.3	31.2		
MEANS	8.7	30.5	8.7	30.7	10.2	31.0
OBSVNS.	30	30	31	31	30	30
MAXIMUM	8.9	30.8	9.3	31.2	10.5	31.5
MINIMUM	8.4	30.2	8.4	30.2	9.4	30.3
STD.DEV.	0.14	0.19	0.19	0.26	0.23	0.31

SHERINGHAM POINT 48 22.7 N 123 55.2 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	10.8	31.9	11.4	31.2	11.6	31.0
2	11.0	31.9	11.6	31.1	11.6	31.4
3	10.0	31.8	11.5	31.0	11.0	31.6
4	11.0	31.8	11.6	31.4	10.4	31.8
5	10.4	31.8	11.4	31.5	11.8	31.0
6	10.5	31.5	11.6	31.2	11.8	31.1
7	11.0	31.8	11.5	31.5	11.2	30.8
8	11.0	32.0	11.6	31.4	11.8	30.8
9	10.4	32.0	11.5	31.0	11.4	31.1
10	11.0	31.2	11.6	31.2	11.2	30.8
11	11.2	31.8	11.4	31.1	11.2	30.8
12	11.0	31.5	11.4	31.0	11.2	31.1
13	11.0	31.1	11.4	31.2	11.4	31.1
14	11.2	31.2	11.4	31.0	11.2	31.2
15	11.2	31.4	11.8	31.6	11.2	31.0
16	11.0	31.5	11.6	31.1	10.2	32.0
17	11.2	31.4	11.4	31.2	10.8	32.0
18	11.2	31.2	11.6	31.2	11.0	31.0
19	11.2	31.4	11.6	31.6	10.6	31.8
20	11.0	31.5	11.2	31.8	10.8	31.6
21	11.2	31.2	11.2	31.5	10.6	31.9
22	11.0	31.8	11.4	31.0	10.8	31.9
23	11.2	31.2	11.2	30.8	10.6	31.6
24	11.2	31.5	11.2	30.8	10.7	31.9
25	11.2	31.2	11.4	31.0	11.0	31.9
26	11.0	31.2	11.6	31.2	10.8	31.6
27	11.2	31.0	11.6	31.4	10.2	31.6
28	11.4	31.0	11.2	31.9	10.6	31.9
29	11.4	31.2	11.0	31.6	10.8	31.9
30	11.5	31.9	10.6	31.9	10.6	31.8
31	11.6	31.4	11.4	31.2		
MEANS	11.0	31.5	11.4	31.3	11.0	31.4
OBSVNS.	31	31	31	31	30	30
MAXIMUM	11.6	32.0	11.8	31.9	11.8	32.0
MINIMUM	10.0	31.0	10.6	30.8	10.2	30.8
STD.DEV.	0.33	0.31	0.23	0.29	0.45	0.43

SHERINGHAM POINT 48 22.7 N 123 55.2 W

1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	10.8	31.4	10.2	31.0	* 8.5	* 30.5
2	10.8	31.2	10.2	30.8	* 8.6	* 30.7
3	10.8	31.2	10.0	30.7	8.6	30.8
4	10.8	31.9	10.2	31.1	8.6	30.6
5	10.6	31.4	10.2	31.0	8.6	30.6
6	11.0	31.1	10.4	30.8	8.6	30.6
7	10.4	31.5	10.2	30.8	8.4	30.7
8	10.6	31.5	10.2	31.1	8.4	30.6
9	10.2	31.0	10.0	30.8	8.6	30.8
10	11.6	31.5	10.0	30.8	8.2	30.6
11	10.2	30.8	10.2	30.7	8.2	30.7
12	10.4	31.5	10.0	30.8	8.0	30.4
13	9.8	31.5	10.0	30.8	8.0	30.4
14	10.4	31.6	10.2	30.7	8.2	30.4
15	10.4	31.5	10.0	31.1	7.9	30.7
16	10.6	31.5	10.0	30.7	8.0	30.4
17	10.0	31.2	9.9	31.0	9.0	30.7
18	10.6	31.2	9.8	30.7	8.3	30.2
19	10.4	30.8	9.8	30.8	8.1	30.2
20	10.6	30.8	9.4	30.8	8.0	29.9
21	10.4	31.0	9.4	30.8	7.9	29.8
22	10.6	31.2	9.4	31.0	7.9	29.7
23	10.4	30.8	9.6	31.0	7.7	29.8
24	10.4	31.1	9.4	30.7	7.7	29.5
25	10.6	31.2	9.4	30.8	7.8	29.5
26	10.2	31.1	9.2	30.7	7.7	29.5
27	10.2	30.8	8.6	30.7	7.6	30.2
28	10.2	30.7	8.6	31.0	7.6	30.4
29	10.2	30.8	8.4	30.7	7.8	30.4
30	10.4	31.2	8.5	30.4	7.6	30.2
31	10.2	30.8			7.6	30.2
MEANS	10.5	31.2	9.7	30.8	8.1	30.3
OBSVNS.	31	31	30	30	29	29
YRLY.MEANS					9.5	30.8
MAXIMUM	11.6	31.9	10.4	31.1	9.0	30.8
MINIMUM	9.8	30.7	8.4	30.4	7.6	29.5
STD.DEV.	0.33	0.31	0.57	0.16	0.38	0.41

RACE ROCKS 48 17.9 N 123 32.0 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	5.9	31.1	6.1	30.7	6.7	31.0
2	6.1	30.6	6.3	30.8	6.8	31.0
3	6.0	30.7	5.9	31.1	6.9	31.2
4	6.6	31.0	6.0	31.1	7.0	31.2
5	7.0	31.0	6.2	31.2	6.9	31.2
6	6.7	31.2	6.8	31.2	7.4	31.6
7	6.9	31.2	7.0	31.2	6.9	31.8
8	7.0	31.2	6.6	31.5	7.1	32.5
9	6.8	31.4	6.5	31.5	7.4	32.5
10	6.8	31.8	6.8	31.2	7.3	32.0
11	6.8	31.4	6.9	31.2	7.2	32.0
12	7.0	31.4	7.0	31.6	7.7	32.4
13	6.8	31.5	6.3	31.4	7.5	31.9
14	7.0	31.5	6.3	31.1	7.1	31.8
15	7.0	31.5	7.0	31.5	6.9	31.8
16	6.7	31.1	7.1	31.5	7.1	31.5
17	7.1	31.2	7.4	31.0	8.1	31.9
18	7.3	31.0	7.2	31.4	7.6	31.5
19	7.5	31.2	7.1	31.5	7.9	31.6
20	7.7	31.5	7.3	31.1	7.4	31.8
21	7.0	31.2	7.3	31.1	7.1	31.9
22	7.0	31.2	7.6	31.4	7.1	31.9
23	7.0	31.0	7.8	31.2	7.2	32.5
24	7.0	31.2	7.5	31.4	6.9	32.1
25	7.2	31.0	7.1	31.1	7.5	32.1
26	6.9	31.1	7.2	31.1	7.1	32.0
27	6.6	31.1	6.9	31.1	7.9	32.0
28	6.8	31.0	7.3	30.7	7.3	32.3
29	6.1	31.0			7.0	31.8
30	6.6	31.1			7.2	31.5
31	6.5	31.1			7.5	31.8
MEANS	6.8	31.2	6.9	31.2	7.2	31.8
OBSVNS.	31	31	28	28	31	31
MAXIMUM	7.7	31.8	7.8	31.6	8.1	32.5
MINIMUM	5.9	30.6	5.9	30.7	6.7	31.0
STD.DEV.	0.40	0.24	0.51	0.24	0.34	0.42

RACE ROCKS 48 17.9 N 123 32.0 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	7.8	31.9	9.0	31.8	11.0	31.9
2	7.8	31.4	10.0	32.5	10.0	31.8
3	7.6	31.6	9.0	31.9	9.5	32.1
4	7.5	31.9	8.0	31.9	9.2	32.7
5	8.5	31.8	8.9	32.0	9.9	32.4
6	8.0	32.1	9.1	32.1	9.6	32.0
7	8.6	32.3	8.9	32.1	9.2	32.3
8	9.0	32.3	8.9	32.0	9.6	32.3
9	7.9	31.6	9.1	31.9	10.3	32.4
10	7.8	32.1	8.2	31.6	11.9	32.1
11	9.0	31.8	8.4	31.6	11.0	32.0
12	8.7	31.5	9.2	31.6	11.0	31.9
13	8.7	31.4	9.0	31.2	10.6	32.0
14	8.6	31.4	10.0	31.5	11.7	32.0
15	9.4	31.4	10.3	31.4	11.2	31.0
16	8.1	31.6	10.2	31.5	12.0	30.7
17	7.8	31.5	9.9	32.4	11.3	31.4
18	8.6	31.6	10.0	32.5	10.9	30.6
19	8.2	31.4	9.8	31.2	10.0	31.2
20	8.0	31.6	9.8	31.6	11.1	31.4
21	8.5	31.6	10.9	31.6	10.6	32.0
22	8.0	31.6	10.7	32.3	10.7	31.4
23	8.0	31.6	9.6	32.5	10.1	31.4
24	7.9	31.5	10.1	32.5	10.8	30.8
25	8.5	32.0	9.6	31.9	10.2	30.8
26	8.1	31.6	10.6	32.1	11.4	30.8
27	7.8	31.1	10.7	32.1	11.2	31.0
28	7.5	31.1	9.6	32.1	11.0	31.1
29	8.0	31.2	9.8	32.1	10.7	30.8
30	8.2	31.5	11.1	32.1	11.0	31.8
31			10.2	32.3		
MEANS	8.2	31.6	9.6	31.9	10.6	31.6
OBSVNS.	30	30	31	31	30	30
MAXIMUM	9.4	32.3	11.1	32.5	12.0	32.7
MINIMUM	7.5	31.1	8.0	31.2	9.2	30.6
STD.DEV.	0.47	0.31	0.79	0.38	0.76	0.61

RACE ROCKS 48 17.9 N 123 32.0 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	11.0	31.6	11.6	31.8	9.7	32.3
2	10.5	32.1	11.2	31.9	11.0	32.1
3	10.0	32.3	11.5	32.0	9.9	32.5
4	11.1	31.9	12.1	31.8	10.6	31.9
5	10.5	32.8	10.1	31.8	10.5	32.1
6	10.6	31.5	10.7	31.9	10.7	32.0
7	11.1	31.6	11.0	31.9	10.9	31.9
8	11.5	31.6	10.9	32.0	11.0	31.6
9	12.0	31.5	11.5	32.0	12.2	31.6
10	12.0	31.6	12.0	31.6	12.4	32.1
11	12.0	31.4	14.0	31.9	12.0	32.1
12	12.3	31.6	13.0	31.6	11.7	32.1
13	11.5	31.5	13.0	31.2	11.0	32.0
14	12.0	31.5	12.7	31.5	10.7	31.9
15	11.8	31.4	11.9	31.4	11.0	31.9
16	12.6	31.1	12.6	31.8	10.0	32.9
17	12.4	31.1	11.3	31.8	9.9	32.8
18	11.4	31.1	11.8	32.0	9.0	32.8
19	12.6	31.2	11.1	31.9	9.3	32.5
20	11.4	32.0	11.4	32.1	9.7	32.5
21	11.7	31.5	10.1	31.8	10.6	32.0
22	10.9	31.2	10.4	31.9	10.9	32.0
23	10.4	31.2	10.9	32.1	11.3	31.6
24	10.2	31.6	12.9	32.0	11.0	31.9
25	11.5	31.1	12.3	31.8	11.9	31.4
26	11.8	31.5	12.6	31.6	12.0	31.5
27	12.5	31.4	11.6	32.5	11.0	32.1
28	13.2	31.8	10.8	31.8	11.4	32.5
29	12.4	31.9	10.4	32.1	10.9	31.5
30	11.6	31.6	10.9	32.4	10.8	31.5
31	12.0	31.5	12.6	32.0		
MEANS	11.6	31.6	11.6	31.9	10.8	32.1
OBSVNS.	31	31	31	31	30	30
MAXIMUM	13.2	32.8	14.0	32.5	12.4	32.9
MINIMUM	10.0	31.1	10.1	31.2	9.0	31.4
STD.DEV.	0.79	0.37	0.96	0.26	0.84	0.41

RACE ROCKS 48 17.9 N 123 32.0 W

1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	10.8	31.6	8.8	31.8	4.0	31.8
2	10.9	31.6	9.2	31.6	5.1	31.9
3	10.3	31.4	9.2	31.6	6.6	31.9
4	9.6	31.2	8.8	31.6	6.8	31.8
5	10.0	31.5	8.2	31.6	7.0	31.9
6	10.6	31.2	8.8	31.9	7.0	31.8
7	10.4	31.8	9.0	31.6	7.2	31.6
8	10.1	31.9	8.8	31.4	6.9	31.4
9	10.2	32.0	8.2	31.0	6.0	31.5
10	10.2	32.0	7.4	31.0	6.0	31.8
11	10.4	31.5	7.5	31.0	6.3	31.9
12	10.6	32.4	8.0	31.2	6.1	31.9
13	9.5	32.7	7.7	31.2	6.7	31.9
14	10.0	32.5	7.7	31.6	6.3	31.9
15	9.8	32.0	8.2	31.6	6.8	31.8
16	9.5	32.1	8.0	31.8	7.2	31.9
17	9.0	32.3	6.8	32.3	6.7	32.0
18	8.8	32.8	6.7	32.0	6.6	32.0
19	9.2	32.0	5.4	31.6	6.6	31.5
20	8.9	32.5	4.9	31.6	6.1	31.8
21	9.2	32.1	* 4.9	* 31.4	6.2	31.5
22	8.8	31.9	5.0	31.1	6.6	31.5
23	9.8	32.9	6.3	31.1	6.4	31.4
24	9.2	32.0	5.8	31.2	6.7	31.2
25	9.4	32.1	5.1	31.2	6.7	31.2
26	9.2	31.9	4.6	31.2	6.6	31.8
27	8.9	31.9	3.3	31.1	6.2	31.6
28	8.8	31.9	4.3	31.6	6.1	31.9
29	8.9	31.6	5.2	31.5	7.0	31.8
30	8.6	31.6	4.8	31.2	6.6	31.8
31	8.8	32.0			6.6	31.6
MEANS	9.6	32.0	7.0	31.5	6.4	31.7
OBSVNS.	31	31	29	29	31	31
YRLY.MEANS					8.9	31.7
MAXIMUM	10.9	32.9	9.2	32.3	7.2	32.0
MINIMUM	8.6	31.2	3.3	31.0	4.0	31.2
STD.DEV.	0.69	0.43	1.75	0.33	0.62	0.22

CAPE MUDGE 49 59.9 N 125 11.6 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	8.4	28.5	8.3	29.4	7.5	29.4
2	7.6	28.6	8.4	29.5	7.8	29.7
3	7.0	28.5	8.8	29.8	*	*
4	7.6	28.9	* 8.8	* 29.7	*	*
5	8.4	28.2	8.8	29.5	*	*
6	8.5	29.0	8.9	29.7	8.8	29.5
7	7.6	28.9	8.9	29.7	8.8	29.5
8	7.2	29.1	8.8	29.5	* 8.6	* 29.6
9	8.2	29.5	8.8	29.7	8.4	29.8
10	8.2	29.1	7.4	29.5	7.0	29.9
11	8.0	29.1	* 7.3	* 29.5	7.2	30.3
12	7.8	29.4	7.2	29.5	7.0	29.9
13	*	*	* 7.6	* 29.5	7.8	29.7
14	*	*	* 8.0	* 29.5	7.5	29.9
15	*	*	8.4	29.5	8.4	29.5
16	*	*	8.6	29.8	7.2	29.5
17	*	*	8.5	29.4	8.8	29.0
18	*	*	* 8.4	* 29.4	7.6	29.4
19	*	*	* 8.2	* 29.3	7.2	28.8
20	*	*	8.1	29.3	8.4	28.8
21	7.6	28.4	8.2	29.4	8.4	28.5
22	7.0	29.4	8.3	29.4	8.0	28.5
23	7.2	29.7	8.3	29.4	7.4	28.6
24	8.0	29.1	* 7.6	* 29.4	*	*
25	8.0	29.1	7.0	29.4	*	*
26	8.2	29.0	7.0	29.3	*	*
27	7.8	29.0	7.1	29.5	*	*
28	7.6	28.6	7.2	29.5	7.8	29.9
29	7.4	28.6			*	*
30	7.0	29.1			*	*
31	7.5	28.6			*	*
MEANS	7.7	28.9	8.1	29.5	7.8	29.4
OBSVNS.	23	23	21	21	20	20
MAXIMUM	8.5	29.7	8.9	29.8	8.8	30.3
MINIMUM	7.0	28.2	7.0	29.3	7.0	28.5
STD.DEV.	0.47	0.38	0.69	0.15	0.61	0.53

CAPE MUDGE 49 59.9 N 125 11.6 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	*	*	*	*	*	*
2	*	*	*	*	*	*
3	*	*	*	*	*	*
4	*	*	*	*	*	*
5	8.5	29.5	*	*	*	*
6	8.6	30.0	*	*	*	*
7	9.0	29.8	*	*	*	*
8	8.8	30.0	*	*	*	*
9	9.4	30.3	*	*	*	*
10	9.6	30.2	*	*	*	*
11	9.5	30.0	*	*	*	*
12	9.3	29.5	*	*	*	*
13	9.7	30.0	*	*	*	*
14	9.8	29.7	*	*	*	*
15	9.3	29.4	*	*	*	*
16	*	*	*	*	*	*
17	*	*	*	*	*	*
18	*	*	*	*	*	*
19	*	*	*	*	*	*
20	*	*	*	*	*	*
21	*	*	*	*	*	*
22	*	*	*	*	*	*
23	*	*	*	*	*	*
24	*	*	*	*	*	*
25	*	*	*	*	*	*
26	*	*	*	*	*	*
27	*	*	*	*	*	*
28	*	*	*	*	*	*
29	*	*	*	*	*	*
30	*	*	*	*	*	*
31			*	*		
MEANS	9.2	29.9	0.0	0.0	0.0	0.0
OBSVNS.	11	11	0	0	0	0
MAXIMUM	9.8	30.3	0.0	0.0	0.0	0.0
MINIMUM	8.5	29.4	0.0	0.0	0.0	0.0
STD.DEV.	0.44	0.30	0.00	0.00	0.00	0.00

CAPE MUDGE 49 59.9 N 125 11.6 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	*	*	*	*	*	*
2	*	*	*	*	*	*
3	*	*	*	*	*	*
4	*	*	*	*	*	*
5	*	*	*	*	*	*
6	*	*	*	*	*	*
7	*	*	*	*	*	*
8	*	*	*	*	*	*
9	*	*	*	*	*	*
10	*	*	*	*	*	*
11	*	*	*	*	*	*
12	*	*	*	*	*	*
13	*	*	*	*	*	*
14	*	*	*	*	*	*
15	*	*	*	*	*	*
16	*	*	*	*	*	*
17	*	*	*	*	*	*
18	*	*	*	*	*	*
19	*	*	*	*	*	*
20	*	*	*	*	*	*
21	*	*	*	*	*	*
22	*	*	*	*	*	*
23	*	*	*	*	*	*
24	*	*	*	*	*	*
25	*	*	*	*	*	*
26	*	*	*	*	*	*
27	*	*	*	*	*	*
28	*	*	*	*	*	*
29	*	*	*	*	*	*
30	*	*	*	*	*	*
31	*	*	*	*		
MEANS	0.0	0.0	0.0	0.0	0.0	0.0
OBSVNS.	0	0	0	0	0	0
MAXIMUM	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0
STD.DEV.	0.00	0.00	0.00	0.00	0.00	0.00

CAPE MUDGE 49 59.9 N 125 11.6 W

1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	*	*	*	*	*	*
2	*	*	*	*	*	*
3	*	*	*	*	*	*
4	*	*	*	*	*	*
5	*	*	*	*	*	*
6	*	*	*	*	*	*
7	*	*	*	*	*	*
8	*	*	*	*	*	*
9	*	*	*	*	*	*
10	*	*	*	*	*	*
11	*	*	*	*	*	*
12	*	*	*	*	*	*
13	*	*	*	*	*	*
14	*	*	*	*	*	*
15	*	*	*	*	*	*
16	*	*	*	*	*	*
17	*	*	*	*	*	*
18	*	*	*	*	*	*
19	*	*	*	*	*	*
20	*	*	*	*	*	*
21	*	*	*	*	*	*
22	*	*	*	*	*	*
23	*	*	*	*	*	*
24	*	*	*	*	*	*
25	*	*	*	*	*	*
26	*	*	*	*	*	*
27	*	*	*	*	*	*
28	*	*	*	*	*	*
29	*	*	*	*	*	*
30	*	*	*	*	*	*
31	*	*			*	*
MEANS	0.0	0.0	0.0	0.0	0.0	0.0
OBSVNS.	0	0	0	0	0	0
YRLY.MEANS						
MAXIMUM	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0
STD.DEV.	0.00	0.00	0.00	0.00	0.00	0.00

CHROME ISLAND *49 28.3 N* *124 40.9 W*

1985	JANUARY			FEBRUARY			MARCH	
DATE	TEMP	SAL		TEMP	SAL		TEMP	SAL
1	6.5	28.1		7.3	28.6		7.8	29.4
2	6.3	27.7		7.2	28.6		8.0	28.5
3	6.0	27.4		7.5	28.8		7.8	28.8
4	6.1	28.0		7.0	28.8		8.0	29.7
5	6.5	27.7		7.8	28.6		7.9	29.4
6	6.4	28.0	*	7.6	28.5	*	8.7	29.5
7	7.0	28.2		7.3	28.4		9.0	29.5
8	7.0	28.1		6.8	28.2		8.9	29.5
9	7.0	28.0		6.8	28.4		8.8	29.5
10	7.1	28.4		7.0	28.8		8.0	29.4
11	7.0	28.6	*	7.0	29.1	*	7.8	29.7
12	6.8	28.2		7.0	29.5		7.8	29.4
13	6.8	28.5		7.6	29.4		7.7	29.7
14	7.2	28.1		8.5	29.3		7.8	29.7
15	7.5	28.1		8.2	28.2		8.0	29.4
16	7.7	28.1		8.8	29.5		8.0	29.4
17	7.9	28.1		8.6	29.3		8.4	29.3
18	8.0	28.2		8.4	29.3		8.6	29.7
19	8.0	28.5		8.2	29.0		8.3	29.8
20	8.3	28.2		8.7	29.5		8.0	29.4
21	8.2	28.2		8.5	29.5		8.3	29.8
22	7.8	28.4		8.0	29.5		8.4	29.8
23	7.4	28.4		8.7	29.8		8.2	29.7
24	7.6	28.4		8.0	29.4		8.3	29.5
25	7.8	28.4		7.6	29.4		8.0	29.9
26	7.2	28.6		8.2	29.8		8.2	29.8
27	7.4	28.6		7.7	29.1		8.3	30.0
28	7.8	28.6		7.5	29.1		8.0	29.7
29	7.3	28.9					8.4	28.0
30	6.2	28.5					8.2	29.8
31	6.8	28.5					8.6	29.5
MEANS	7.2	28.2		7.8	29.1		8.2	29.5
OBSVNS.	31	31		26	26		31	31
MAXIMUM	8.3	28.9		8.8	29.8		9.0	30.0
MINIMUM	6.0	27.4		6.8	28.2		7.7	28.0
STD.DEV.	0.64	0.31		0.64	0.48		0.35	0.41

CHROME ISLAND *49 28.3 N* *124 40.9 W*

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	9.0	29.7	10.6	29.5	15.3	28.9
2	9.2	29.7	10.8	29.7	14.2	28.9
3	8.9	29.5	10.0	29.7	14.0	28.8
4	8.8	28.8	10.7	30.2	13.4	29.1
5	9.3	28.4	10.5	29.8	12.9	28.8
6	9.2	29.1	10.0	29.8	13.2	29.1
7	9.0	29.1	10.5	29.5	13.5	29.1
8	9.0	29.1	10.2	29.8	14.2	27.4
9	9.2	29.7	9.5	29.4	14.7	25.5
10	9.3	25.8	10.2	29.4	15.7	23.9
11	9.5	29.9	9.9	28.9	15.5	25.0
12	9.0	30.0	10.0	29.1	15.0	26.9
13	9.0	29.5	10.4	29.0	14.0	27.7
14	9.7	29.7	11.6	29.3	14.9	27.4
15	9.7	29.7	11.7	29.0	14.2	27.2
16	10.2	29.5	13.0	28.8	16.3	26.5
17	9.8	29.7	14.2	29.3	17.0	26.4
18	9.8	29.8	13.9	29.1	17.0	26.7
19	9.9	29.5	12.8	29.0	16.3	26.8
20	10.0	29.8	13.0	29.0	16.5	27.3
21	9.9	29.7	13.4	29.5	16.1	27.2
22	9.5	29.4	13.3	29.0	15.6	27.1
23	9.4	29.1	13.4	29.3	14.7	27.1
24	9.3	26.8	12.4	29.0	15.0	27.2
25	9.0	29.1	12.8	28.8	15.7	27.4
26	9.0	29.0	13.2	28.0	16.0	27.7
27	9.0	29.5	13.7	28.2	15.5	27.6
28	9.0	28.2	14.3	28.2	15.8	27.3
29	9.1	29.1	14.5	28.4	15.5	27.1
30	10.5	29.3	14.5	28.8	15.2	27.7
31			15.0	28.8		
MEANS	9.4	29.2	12.1	29.1	15.1	27.4
OBSVNS.	30	30	31	31	30	30
MAXIMUM	10.5	30.0	15.0	30.2	17.0	29.1
MINIMUM	8.8	25.8	9.5	28.0	12.9	23.9
STD.DEV.	0.44	0.90	1.73	0.51	1.10	1.21

CHROME ISLAND 49 28.3 N 124 40.9 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	15.5	27.1	18.2	28.0	16.8	28.4
2	17.3	27.8	16.7	28.6	15.8	28.0
3	16.0	28.5	16.5	28.4	15.8	28.5
4	15.8	28.2	16.1	28.0	16.0	28.8
5	14.9	27.2	16.0	28.0	15.8	28.4
6	14.2	27.4	16.2	28.0	15.1	28.0
7	15.0	27.7	14.9	28.0	15.7	28.0
8	16.8	27.6	15.5	28.4	15.5	28.1
9	18.0	27.4	16.5	28.1	16.2	28.2
10	17.8	28.4	17.7	27.8	16.0	28.0
11	16.5	28.6	18.4	27.3	15.4	28.1
12	18.0	29.0	18.0	28.0	14.7	28.1
13	19.0	26.9	18.6	28.1	14.0	28.0
14	19.0	26.9	18.8	28.2	14.2	28.4
15	19.4	26.8	18.5	28.1	13.5	28.9
16	20.0	26.9	18.0	27.7	13.7	28.4
17	20.5	27.3	18.9	28.2	13.2	28.4
18	21.0	27.3	18.4	27.8	12.2	28.9
19	19.6	27.1	17.4	27.8	12.4	29.0
20	20.2	27.3	16.8	28.1	13.0	28.0
21	19.7	27.3	18.0	28.2	13.3	28.4
22	20.0	27.2	16.7	28.5	13.8	28.5
23	20.2	27.4	16.7	28.5	14.2	28.1
24	20.2	27.4	17.0	27.7	14.5	28.4
25	20.0	27.4	18.0	28.0	15.0	28.5
26	20.1	27.2	17.8	28.0	14.8	28.1
27	21.0	27.6	17.3	27.8	15.0	28.2
28	21.0	27.6	16.7	28.0	14.6	28.1
29	20.9	27.6	16.5	27.8	14.2	28.4
30	19.7	27.8	15.0	28.0	14.2	28.2
31	19.5	28.4	15.2	28.1		
MEANS	18.6	27.6	17.1	28.0	14.6	28.3
OBSVNS.	31	31	31	31	30	30
MAXIMUM	21.0	29.0	18.9	28.6	16.8	29.0
MINIMUM	14.2	26.8	14.9	27.3	12.2	28.0
STD.DEV.	2.07	0.55	1.15	0.27	1.17	0.29

CHROME ISLAND 49 28.3 N 124 40.9 W

1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	14.5	28.1	9.6	29.1	5.6	29.1
2	14.0	28.0	10.0	29.4	5.3	27.8
3	13.8	28.4	9.8	29.0	5.4	27.8
4	13.3	28.2	9.5	28.6	7.3	28.9
5	13.5	28.4	9.5	28.9	8.3	29.5
6	13.2	28.2	9.4	28.4	8.4	29.5
7	12.7	28.5	9.5	28.4	8.3	29.5
8	12.5	29.0	9.6	28.4	8.0	29.8
9	12.0	28.6	9.4	28.4	7.5	29.7
10	11.8	29.1	9.0	28.2	7.4	29.4
11	12.0	28.9	8.8	28.2	7.2	29.5
12	11.8	29.5	9.0	28.2	7.8	29.4
13	11.4	29.0	8.9	28.8	7.7	29.4
14	11.0	29.7	9.0	28.5	7.5	29.7
15	11.5	29.8	9.0	28.8	7.8	29.7
16	11.0	29.7	8.8	29.0	7.7	29.4
17	10.8	29.7	8.5	29.3	7.9	29.4
18	10.6	29.5	8.0	29.4	7.8	29.7
19	10.8	29.5	7.8	29.1	8.0	29.3
20	10.5	29.8	7.9	28.6	7.5	29.4
21	10.4	29.8	7.5	28.9	7.8	29.7
22	10.0	29.7	6.9	28.8	7.9	29.4
23	10.2	29.3	6.8	28.6	7.2	29.7
24	10.4	29.3	7.2	28.6	7.0	29.0
25	10.2	28.5	6.2	28.5	6.9	28.9
26	10.2	29.5	5.7	28.6	6.9	28.9
27	10.0	29.1	5.0	28.8	7.0	29.0
28	9.9	28.6	5.5	28.4	6.7	29.1
29	9.8	28.6	5.0	28.5	6.8	29.3
30	9.8	28.9	5.6	28.6	7.2	29.5
31	9.8	29.1			7.5	29.4
MEANS	11.4	29.0	8.1	28.7	7.3	29.3
OBSVNS.	31	31	30	30	31	31
YRLY.MEANS					11.5	28.6
MAXIMUM	14.5	29.8	10.0	29.4	8.4	29.8
MINIMUM	9.8	28.0	5.0	28.2	5.3	27.8
STD.DEV.	1.41	0.57	1.57	0.34	0.77	0.47

SISTERS ISLAND 49 29.2 N 124 26.0 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	6.0	28.0	6.1	29.3	7.7	29.1
2	6.5	28.0	6.3	29.4	7.6	29.7
3	6.5	28.0	6.8	29.3	7.3	29.8
4	6.5	28.0	6.8	29.4	7.6	29.8
5	6.8	28.2	6.7	29.4	7.8	30.0
6	6.7	28.0	7.0	29.1	7.4	29.7
7	8.0	28.1	6.5	29.4	7.4	29.7
8	7.0	28.4	6.8	29.7	7.5	29.7
9	6.5	28.0	6.8	29.4	7.5	29.7
10	6.5	28.2	7.4	29.7	7.6	30.0
11	6.7	28.2	* 7.6	* 29.7	7.7	30.0
12	6.5	28.0	7.8	29.8	7.7	30.2
13	6.6	28.1	7.6	29.8	7.8	30.2
14	6.8	28.0	7.6	29.5	7.8	30.2
15	7.2	28.2	7.8	29.5	7.9	30.2
16	7.2	28.1	8.1	29.7	8.0	29.3
17	7.2	28.2	8.2	29.5	8.1	29.8
18	7.4	28.4	8.1	29.5	8.2	29.7
19	7.3	28.5	8.0	29.4	8.1	29.8
20	7.1	28.1	7.8	29.4	7.9	29.1
21	7.0	28.2	7.9	29.4	8.0	29.4
22	7.3	28.5	7.8	29.5	7.9	29.1
23	7.1	28.4	7.8	29.4	8.0	29.7
24	7.0	28.4	7.6	29.5	7.8	29.5
25	7.1	28.4	7.8	29.4	7.8	29.4
26	7.2	28.6	7.8	29.1	8.0	29.4
27	6.9	28.6	7.4	28.9	7.9	29.3
28	6.7	28.5	7.8	28.9	8.1	29.1
29	6.7	28.8			8.0	29.4
30	6.8	28.6			8.1	29.1
31	6.2	29.4			8.2	29.3
MEANS	6.9	28.3	7.4	29.4	7.8	29.6
OBSVNS.	31	31	27	27	31	31
MAXIMUM	8.0	29.4	8.2	29.8	8.2	30.2
MINIMUM	6.0	28.0	6.1	28.9	7.3	29.1
STD.DEV.	0.40	0.31	0.60	0.23	0.25	0.36

SISTERS ISLAND 49 29.2 N 124 26.0 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	8.5	29.4	10.8	29.3	13.8	26.4
2	8.3	29.4	10.4	29.3	13.4	24.7
3	8.6	29.5	10.2	29.3	14.8	24.7
4	7.9	29.3	10.2	29.1	14.4	25.6
5	8.0	29.4	10.3	29.3	14.5	25.4
6	8.3	29.4	9.7	29.4	13.9	20.5
7	8.2	29.3	9.7	29.3	14.1	19.4
8	8.3	29.5	9.8	29.4	14.3	25.4
9	8.4	29.7	9.9	29.4	14.7	23.4
10	9.1	29.7	10.3	29.4	14.8	23.1
11	9.3	29.9	9.4	29.5	15.5	23.8
12	10.1	29.5	9.4	29.5	15.6	23.8
13	9.8	29.8	10.5	29.4	13.8	26.9
14	9.6	29.7	11.3	29.3	15.8	25.1
15	9.7	30.0	11.9	29.0	15.2	26.4
16	10.3	29.8	12.8	29.3	15.0	26.7
17	9.6	29.9	13.8	29.0	15.6	25.1
18	9.5	30.0	13.7	29.5	16.5	26.5
19	9.6	29.9	14.0	29.4	15.3	27.7
20	10.2	29.9	13.8	29.1	15.2	26.8
21	9.6	29.7	14.2	29.3	* 14.8	* 27.6
22	9.5	29.7	13.8	29.7	14.4	28.5
23	9.7	29.4	13.4	29.7	14.0	27.4
24	9.2	29.7	13.2	29.1	13.8	27.6
25	9.4	29.7	13.5	29.4	14.2	28.1
26	* 9.6	* 29.4	14.6	27.6	14.8	27.8
27	9.8	29.1	14.4	27.3	15.6	27.6
28	9.7	30.2	11.8	26.4	16.2	27.7
29	10.0	29.1	13.8	26.8	16.2	26.9
30	9.8	29.7	14.4	28.1	16.4	25.9
31			14.2	27.8		
MEANS	9.2	29.6	12.0	28.9	14.9	25.7
OBSVNS.	29	29	31	31	29	29
MAXIMUM	10.3	30.2	14.6	29.7	16.5	28.5
MINIMUM	7.9	29.1	9.4	26.4	13.4	19.4
STD.DEV.	0.72	0.27	1.88	0.86	0.87	2.17

SISTERS ISLAND 49 29.2 N 124 26.0 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	15.8	26.5	19.2	28.4	16.4	28.9
2	16.0	26.3	19.2	28.6	16.8	28.8
3	16.8	23.8	18.4	28.0	16.5	28.9
4	16.2	25.5	18.2	28.2	16.2	28.9
5	16.5	25.9	18.4	28.4	15.8	28.2
6	16.9	25.8	18.8	28.2	16.0	28.0
7	16.9	25.6	19.2	28.1	15.6	28.1
8	18.4	23.3	18.2	27.4	15.2	28.0
9	19.5	20.8	16.9	27.8	14.9	28.1
10	18.8	23.4	17.8	28.0	14.8	28.0
11	17.9	26.8	19.2	27.8	14.0	28.0
12	18.0	26.9	18.3	28.0	14.2	28.0
13	18.1	25.9	17.5	27.7	14.3	28.0
14	18.6	26.1	17.8	28.0	14.3	28.1
15	17.5	25.8	16.9	27.8	13.8	28.2
16	18.6	27.4	16.0	28.1	14.0	28.0
17	19.8	27.2	17.3	28.4	13.0	28.2
18	18.9	27.4	16.0	28.4	13.6	28.4
19	19.2	27.1	15.4	28.2	13.1	28.5
20	20.8	26.8	15.0	28.1	13.4	28.6
21	19.7	27.4	14.9	27.8	13.4	28.8
22	20.3	27.4	16.3	28.2	13.6	28.8
23	19.6	27.4	17.5	27.8	13.8	28.8
24	19.8	27.4	* 16.9	* 27.4	14.2	28.8
25	19.7	27.4	16.2	26.9	14.6	28.5
26	19.8	27.7	17.0	28.2	14.2	28.5
27	20.2	27.7	16.2	28.1	14.4	28.5
28	19.4	27.8	16.8	28.5	14.0	28.5
29	19.3	27.8	16.9	28.1	14.0	28.6
30	19.8	28.0	16.2	28.0	13.8	28.5
31	19.6	28.0	16.2	28.2		
MEANS	18.6	26.4	17.3	28.0	14.5	28.4
OBSVNS.	31	31	30	30	30	30
MAXIMUM	20.8	28.0	19.2	28.6	16.8	28.9
MINIMUM	15.8	20.8	14.9	26.9	13.0	28.0
STD.DEV.	1.40	1.64	1.27	0.34	1.06	0.33

SISTERS ISLAND 49 29.2 N 124 26.0 W

1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	13.8	28.5	* 9.7	* 28.6	5.4	28.8
2	14.2	28.4	9.8	28.6	5.2	28.6
3	12.5	28.8	10.0	28.5	5.6	28.9
4	13.2	28.6	9.8	28.2	6.5	28.9
5	12.8	28.5	9.6	28.8	7.5	29.1
6	13.0	28.4	9.5	28.8	8.2	29.5
7	11.2	29.1	9.6	28.6	8.0	29.4
8	12.0	29.3	9.5	28.1	7.9	29.3
9	11.6	29.3	9.4	28.4	7.8	29.1
10	* 11.8	* 29.2	9.2	29.1	7.5	28.9
11	12.0	29.0	8.8	28.9	6.8	28.6
12	11.8	29.0	8.7	28.8	7.2	29.0
13	10.8	29.4	8.6	28.8	6.5	28.9
14	10.5	29.4	7.5	27.7	7.2	29.0
15	10.6	29.1	8.1	29.1	6.8	28.6
16	10.5	29.3	7.9	28.6	6.5	28.9
17	10.6	28.8	7.3	27.1	6.8	28.8
18	10.6	29.1	7.2	28.8	6.8	29.1
19	10.6	29.0	6.9	28.6	7.0	28.8
20	10.7	28.8	* 6.7	* 28.4	6.8	28.8
21	9.6	28.4	6.5	28.2	7.2	28.6
22	9.8	28.2	6.3	28.2	7.0	29.5
23	10.3	28.0	6.0	28.1	7.0	29.5
24	10.2	28.1	5.7	28.9	7.0	29.5
25	10.0	28.1	5.1	29.3	6.8	29.0
26	9.9	27.7	6.1	29.8	7.0	28.8
27	10.2	27.7	5.8	29.0	7.0	28.8
28	10.0	27.7	5.8	28.9	6.8	28.8
29	9.6	28.1	5.5	29.0	7.2	29.7
30	9.5	27.8	5.6	28.9	7.4	29.1
31	9.6	28.6			7.0	29.1
MEANS	11.1	28.6	7.7	28.6	6.9	29.0
OBSVNS.	30	30	28	28	31	31
YRLY.MEANS					11.2	28.4
MAXIMUM	14.2	29.4	10.0	29.8	8.2	29.7
MINIMUM	9.5	27.7	5.1	27.1	5.2	28.6
STD.DEV.	1.33	0.54	1.65	0.52	0.67	0.30

ENTRANCE ISLAND 49 12.6 N 123 48.4 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	5.8	28.4	7.2	29.7	7.8	29.0
2	6.5	28.8	7.6	29.4	7.9	29.5
3	5.9	28.5	7.1	29.1	7.6	29.5
4	6.0	28.5	6.6	28.9	7.8	29.4
5	6.7	28.5	7.5	29.4	7.6	29.5
6	6.6	28.9	8.1	29.9	8.2	29.9
7	7.5	28.8	7.6	29.7	7.7	29.5
8	6.5	28.6	6.4	29.0	7.8	29.5
9	6.6	28.8	7.9	29.8	8.1	29.8
10	6.1	28.6	8.1	30.0	8.0	29.8
11	6.1	28.8	8.1	30.0	7.6	29.5
12	6.9	28.9	8.1	30.2	7.6	29.7
13	6.2	28.8	8.0	29.9	7.5	29.5
14	6.0	29.1	8.0	29.7	8.0	29.4
15	7.0	28.9	7.8	29.4	8.2	29.5
16	6.8	28.4	8.1	29.5	8.4	29.7
17	6.8	28.6	8.2	29.3	8.0	29.5
18	6.9	27.8	8.0	29.7	8.0	29.7
19	7.1	29.1	8.1	29.7	8.1	29.8
20	8.1	29.4	7.9	29.8	7.9	29.7
21	7.4	28.8	7.8	29.7	8.0	29.7
22	7.2	28.9	7.9	29.9	8.1	29.8
23	7.9	29.0	8.0	29.4	* 8.1	* 29.8
24	6.9	28.6	8.0	29.5	8.1	29.9
25	7.1	28.8	8.0	29.1	7.8	29.3
26	6.7	28.0	7.8	29.4	8.0	30.0
27	7.0	28.5	7.3	29.1	7.9	29.5
28	7.1	29.1	7.4	29.0	8.0	29.9
29	7.0	29.1			7.9	29.3
30	6.7	28.8			8.1	29.9
31	6.7	29.0			8.1	29.7
MEANS	6.8	28.7	7.7	29.5	7.9	29.6
OBSVNS.	31	31	28	28	30	30
MAXIMUM	8.1	29.4	8.2	30.2	8.4	30.0
MINIMUM	5.8	27.8	6.4	28.9	7.5	29.0
STD.DEV.	0.55	0.33	0.46	0.35	0.21	0.22

ENTRANCE ISLAND 49 12.6 N 123 48.4 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	8.3	29.8	10.6	29.1	15.0	27.2
2	8.4	29.9	11.0	28.4	11.6	29.5
3	8.0	30.0	10.1	29.8	13.7	28.5
4	8.0	29.3	9.8	29.1	12.5	29.4
5	8.1	29.5	9.8	28.8	13.8	28.2
6	8.0	29.5	10.3	29.0	13.0	29.1
7	8.1	29.3	11.0	28.2	13.6	24.7
8	8.3	29.5	10.4	28.8	13.6	17.0
9	9.0	29.7	9.8	29.8	14.8	18.2
10	8.9	29.7	10.8	29.1	15.3	20.3
11	9.0	29.9	10.8	27.3	15.2	22.6
12	9.5	29.8	11.2	26.8	15.6	24.2
13	9.0	29.8	10.8	28.6	16.0	25.1
14	9.0	29.8	11.3	29.1	13.9	28.2
15	9.5	29.9	11.1	29.3	14.9	23.3
16	10.4	29.4	12.0	29.4	15.2	23.5
17	9.6	29.1	15.0	27.8	16.2	24.4
18	8.8	29.7	11.9	29.7	16.3	24.4
19	9.6	29.7	11.2	28.4	15.5	25.4
20	8.7	29.7	11.1	29.5	15.0	26.9
21	9.0	29.7	10.8	29.8	14.6	28.5
22	8.9	29.7	11.6	29.4	14.0	28.9
23	8.5	29.8	12.9	29.1	14.5	29.0
24	8.6	29.7	11.7	29.9	14.1	28.1
25	8.9	29.8	12.4	29.5	14.9	27.2
26	9.0	29.7	15.0	24.0	15.4	27.4
27	9.6	29.7	15.4	23.4	17.0	24.3
28	8.8	29.5	14.1	24.8	15.0	28.9
29	10.1	29.9	13.6	26.7	14.1	26.4
30	10.5	30.3	13.0	28.1	15.1	27.4
31			15.6	24.8		
MEANS	8.9	29.7	11.8	28.2	14.6	25.9
OBSVNS.	30	30	31	31	30	30
MAXIMUM	10.5	30.3	15.6	29.9	17.0	29.5
MINIMUM	8.0	29.1	9.8	23.4	11.6	17.0
STD.DEV.	0.67	0.23	1.71	1.78	1.15	3.25

ENTRANCE ISLAND 49 12.6 N 123 48.4 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	15.6	24.2	16.3	27.8	15.4	28.6
2	17.4	20.9	14.8	28.3	16.8	28.5
3	16.5	22.2	15.1	28.2	17.2	26.8
4	15.5	26.0	16.1	28.2	16.3	28.1
5	15.9	26.3	17.0	27.7	16.3	28.2
6	14.8	27.1	16.1	27.7	14.7	28.2
7	16.9	22.4	16.3	28.1	15.8	27.4
8	18.0	21.3	16.9	28.4	15.7	27.7
9	18.9	23.8	17.0	26.8	15.8	27.7
10	17.5	25.0	17.3	25.9	16.5	27.7
11	19.4	25.5	18.2	26.0	15.6	28.2
12	19.6	24.0	16.6	27.3	13.2	28.8
13	19.0	24.6	18.0	29.0	12.1	29.7
14	19.3	24.6	17.2	27.7	12.5	29.5
15	19.3	25.4	17.1	28.0	12.8	29.7
16	19.1	26.0	16.6	27.8	11.5	30.4
17	19.0	27.1	17.6	27.8	13.5	28.5
18	19.0	26.5	17.8	28.1	13.3	28.2
19	18.1	26.0	16.9	27.6	14.0	26.7
20	18.8	26.5	16.0	28.0	14.2	27.7
21	19.0	25.5	16.1	28.2	14.2	28.2
22	18.9	25.8	16.7	27.7	14.1	28.1
23	19.2	24.8	17.1	28.0	14.2	28.0
24	17.9	26.4	17.0	28.4	14.4	28.4
25	18.1	26.8	16.8	28.1	14.5	28.2
26	19.3	25.9	17.1	28.1	14.0	28.2
27	19.0	26.7	17.0	28.2	14.2	28.2
28	19.0	27.1	16.3	27.7	14.6	29.0
29	19.2	26.9	16.5	28.8	14.2	28.6
30	19.2	27.3	16.1	28.4	14.7	28.2
31	17.5	27.2	14.9	28.5		
MEANS	18.2	25.3	16.7	27.9	14.5	28.3
OBSVNS.	31	31	31	31	30	30
MAXIMUM	19.6	27.3	18.2	29.0	17.2	30.4
MINIMUM	14.8	20.9	14.8	25.9	11.5	26.7
STD.DEV.	1.33	1.74	0.80	0.67	1.40	0.79

ENTRANCE ISLAND 49 12.6 N 123 48.4 W

1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	14.5	28.0	9.8	29.8	6.7	29.0
2	13.6	28.8	9.0	23.5	6.9	28.9
3	12.8	29.0	10.0	25.2	7.8	29.0
4	12.8	29.1	9.4	27.1	8.3	29.4
5	13.0	29.0	9.2	27.1	6.8	29.0
6	13.2	29.1	9.2	27.6	7.6	28.9
7	12.7	29.3	8.8	26.8	8.2	29.4
8	12.5	29.0	8.5	25.9	9.0	29.9
9	12.2	28.9	9.2	27.8	8.2	29.4
10	12.0	28.9	8.8	26.9	7.4	29.0
11	11.9	29.1	8.2	27.7	6.3	28.8
12	11.3	29.8	8.6	28.1	5.8	28.5
13	10.4	29.8	8.7	28.2	6.1	28.5
14	11.2	29.5	8.9	29.0	6.3	28.8
15	10.3	30.0	9.1	29.0	6.5	29.0
16	11.3	28.8	8.5	28.5	7.1	29.3
17	10.4	30.0	8.4	28.8	7.0	29.0
18	10.6	29.9	8.6	26.8	6.5	29.0
19	10.0	30.3	7.6	27.7	6.1	28.5
20	9.8	30.0	7.3	28.0	6.3	28.8
21	9.8	30.0	7.0	27.8	6.2	28.5
22	9.9	29.7	7.0	28.0	6.4	28.8
23	10.2	29.0	5.8	27.6	6.3	28.8
24	9.7	29.8	6.7	28.0	6.6	29.5
25	10.3	28.8	7.1	29.9	6.3	28.8
26	10.0	29.8	6.0	28.4	6.2	29.0
27	9.7	28.6	5.3	28.9	5.8	29.1
28	9.7	29.5	5.6	28.6	6.4	29.3
29	9.8	28.9	6.1	28.9	8.0	29.8
30	9.7	27.7	5.8	28.4	7.5	29.5
31	9.7	29.4			7.6	29.9
MEANS	11.1	29.3	7.9	27.8	6.9	29.1
OBSVNS.	31	31	30	30	31	31
YRLY.MEANS					11.1	28.3
MAXIMUM	14.5	30.3	10.0	29.9	9.0	29.9
MINIMUM	9.7	27.7	5.3	23.5	5.8	28.5
STD.DEV.	1.42	0.61	1.38	1.31	0.83	0.39

WEST VANCOUVER 49 20.3 N 123 14.1 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	2.9	*	4.0	*	6.9	*
2	2.8	*	5.0	*	7.5	*
3	3.4	*	3.5	*	7.1	*
4	3.9	*	4.1	*	7.1	*
5	5.1	*	4.9	*	6.9	*
6	5.9	*	5.2	*	7.8	*
7	6.0	*	5.7	*	7.8	*
8	5.5	*	6.1	*	7.4	*
9	5.4	*	6.9	*	7.1	*
10	5.1	*	6.6	*	7.3	*
11	5.0	*	6.0	*	7.4	*
12	6.1	*	5.7	*	7.5	*
13	5.9	*	5.7	*	7.5	*
14	6.1	*	5.5	*	7.3	*
15	6.1	*	6.1	*	7.4	*
16	5.9	*	6.1	*	8.0	*
17	6.0	*	6.0	*	7.1	*
18	6.5	*	6.4	*	8.1	*
19	5.5	*	6.7	*	8.2	*
20	6.1	*	6.7	*	8.2	*
21	5.5	*	6.5	*	8.1	*
22	4.8	*	7.0	*	7.5	*
23	5.1	*	6.0	*	7.6	*
24	5.2	*	6.6	*	7.6	*
25	4.9	*	6.3	*	7.8	*
26	6.0	*	6.1	*	7.6	*
27	5.5	*	6.3	*	7.3	*
28	4.5	*	6.4	*	7.2	*
29	5.0	*			7.3	*
30	5.3	*			7.4	*
31	4.8	*			7.2	*
MEANS	5.2	0.0	5.9	0.0	7.5	0.0
OBSVNS.	31	0	28	0	31	0
MAXIMUM	6.5	0.0	7.0	0.0	8.2	0.0
MINIMUM	2.8	0.0	3.5	0.0	6.9	0.0
STD.DEV.	0.93	0.00	0.88	0.00	0.36	0.00

WEST VANCOUVER 49 20.3 N 123 14.1 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	8.6 *		9.6 *		13.8 *	
2	8.3 *		10.2 *		15.0 *	
3	8.2 *		10.5 *		14.2 *	
4	8.6 *		10.6 *		13.9 *	
5	8.7 *		9.9 *		13.6 *	
6	8.7 *		9.4 *		14.2 *	
7	8.7 *		10.3 *		12.2 *	
8	8.9 *		10.4 *		13.5 *	
9	8.5 *		10.3 *		13.2 *	
10	8.6 *		10.1 *		13.7 *	
11	8.6 *		10.4 *		14.3 *	
12	8.5 *		10.3 *		14.2 *	
13	8.7 *		10.3 *		14.8 *	
14	8.6 *		10.4 *		15.5 *	
15	8.6 *		10.3 *		15.6 *	
16	8.7 *		11.9 *		13.8 *	
17	8.6 *		12.8 *		14.9 *	
18	8.8 *		12.5 *		15.2 *	
19	8.7 *		13.4 *		15.8 *	
20	9.4 *		13.6 *		15.0 *	
21	9.2 *		14.2 *		15.4 *	
22	8.7 *		14.2 *		14.7 *	
23	8.7 *		14.3 *		15.3 *	
24	8.8 *		14.5 *		14.9 *	
25	8.5 *		14.5 *		14.7 *	
26	8.5 *		14.5 *		16.4 *	
27	8.7 *		14.4 *		16.6 *	
28	9.4 *		14.5 *		16.9 *	
29	8.5 *		13.3 *		15.3 *	
30	8.7 *		11.9 *		15.5 *	
31			13.7 *			
MEANS	8.7	0.0	12.0	0.0	14.7	0.0
OBSVNS.	30	0	31	0	30	0
MAXIMUM	9.4	0.0	14.5	0.0	16.9	0.0
MINIMUM	8.2	0.0	9.4	0.0	12.2	0.0
STD.DEV.	0.26	0.00	1.88	0.00	1.04	0.00

WEST VANCOUVER 49 20.3 N 123 14.1 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	16.2	*	17.9	*	16.1	*
2	15.0	*	18.5	*	15.2	*
3	16.2	*	17.8	*	15.8	*
4	16.5	*	18.5	*	15.7	*
5	17.4	*	17.9	*	*	*
6	16.8	*	18.1	*	*	*
7	17.6	*	17.2	*	*	*
8	18.9	*	16.7	*	*	*
9	19.6	*	16.8	*	*	*
10	20.1	*	16.5	*	*	*
11	20.6	*	17.6	*	*	*
12	20.5	*	14.5	*	*	*
13	20.7	*	14.6	*	*	*
14	17.6	*	14.1	*	14.0	*
15	14.4	*	15.1	*	14.1	*
16	15.1	*	16.1	*	14.1	*
17	17.8	*	16.5	*	12.9	*
18	17.8	*	17.1	*	11.9	*
19	19.7	*	16.9	*	12.1	*
20	19.7	*	16.3	*	12.5	*
21	20.1	*	15.1	*	12.1	*
22	19.7	*	19.0	*	12.9	*
23	19.0	*	19.1	*	13.4	*
24	19.2	*	16.2	*	12.6	*
25	19.2	*	17.1	*	12.5	*
26	19.6	*	17.2	*	11.1	*
27	19.5	*	17.0	*	11.2	*
28	18.9	*	16.2	*	10.8	*
29	18.4	*	15.4	*	10.5	*
30	17.5	*	15.5	*	10.2	*
31	16.6	*	* 15.8	*		
MEANS	18.3	0.0	16.8	0.0	12.9	0.0
OBSVNS.	31	0	30	0	21	0
MAXIMUM	20.7	0.0	19.1	0.0	16.1	0.0
MINIMUM	14.4	0.0	14.1	0.0	10.2	0.0
STD.DEV.	1.75	0.00	1.32	0.00	1.77	0.00

WEST VANCOUVER 49 20.3 N 123 14.1 W

1985	OCTOBER			NOVEMBER			DECEMBER		
DATE	TEMP		SAL	TEMP		SAL	TEMP		SAL
1	10.8	*		8.5	*		1.5	*	
2	10.2	*		8.9	*		1.9	*	
3	11.7	*		8.9	*		3.9	*	
4	11.6	*		8.5	*		4.1	*	
5	11.7	*		7.5	*		6.8	*	
6	12.7	*		7.2	*		7.1	*	
7	12.6	*		8.0	*		6.9	*	
8	10.2	*		8.0	*		6.8	*	
9	10.1	*		7.5	*		6.1	*	
10	9.9	*		8.0	*		6.5	*	
11	10.0	*		6.5	*		7.8	*	
12	9.7	*		7.1	*		7.7	*	
13	10.1	*		6.0	*		4.4	*	
14	10.0	*		6.5	*		4.8	*	
15	10.1	*		7.1	*		5.4	*	
16	10.0	*		7.5	*		6.2	*	
17	10.5	*		7.5	*		6.9	*	
18	10.5	*		7.6	*		6.8	*	
19	* 10.3	*		5.9	*		6.9	*	
20	* 10.2	*		6.1	*		7.0	*	
21	10.0	*		5.9	*		5.8	*	
22	* 9.9	*		5.5	*		8.0	*	
23	* 9.8	*		4.6	*		7.0	*	
24	9.7	*		3.4	*		6.5	*	
25	9.2	*		4.2	*		6.4	*	
26	9.5	*		4.0	*		7.5	*	
27	9.5	*		4.3	*		7.0	*	
28	9.7	*		4.2	*		6.0	*	
29	8.8	*		2.0	*		5.7	*	
30	8.9	*		2.5	*		6.2	*	
31	8.2	*					6.5	*	
MEANS	10.2		0.0	6.3		0.0	6.1		0.0
OBSVNS.	27		0	30		0	31		0
YRLY.MEANS							10.3		0.0
MAXIMUM	12.7		0.0	8.9		0.0	8.0		0.0
MINIMUM	8.2		0.0	2.0		0.0	1.5		0.0
STD.DEV.	1.07		0.00	1.90		0.00	1.54		0.00

ACTIVE PASS 48 52.4 N 123 17.4 W

1985	JANUARY		FEBRUARY		MARCH	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	* 5.5	* 26.9	* 6.3	* 27.9	* 7.5	* 27.5
2	5.1	25.9	6.3	28.1	7.6	27.3
3	5.8	26.0	6.8	29.1	7.8	29.5
4	6.2	27.3	6.8	28.8	8.2	29.0
5	6.6	27.6	6.7	28.4	8.6	29.7
6	6.5	26.9	6.8	28.8	8.6	29.7
7	6.4	26.4	6.8	28.8	8.4	29.4
8	6.2	26.8	6.3	28.5	8.1	29.0
9	6.1	27.1	6.8	28.5	8.0	28.9
10	6.1	27.3	7.4	29.1	* 7.8	* 28.7
11	6.6	28.1	7.3	29.8	7.5	28.5
12	6.6	28.2	7.2	29.5	* 7.5	* 28.3
13	6.8	27.8	7.2	29.4	7.4	28.1
14	6.9	27.6	7.3	29.0	8.0	28.5
15	6.9	27.7	7.4	28.6	8.6	28.1
16	6.4	27.4	8.0	28.8	9.0	27.4
17	7.4	27.8	8.4	28.9	9.0	28.0
18	7.5	28.2	7.6	28.1	9.2	28.6
19	7.4	27.7	7.4	28.5	8.6	29.4
20	7.2	27.2	7.3	28.5	8.9	29.3
21	7.2	27.3	7.3	28.4	9.1	29.1
22	7.2	27.6	7.3	28.4	8.8	29.5
23	7.2	27.4	7.2	28.5	8.4	29.8
24	6.9	28.1	7.2	28.1	7.9	30.0
25	7.0	27.6	7.2	27.7	7.5	30.2
26	7.2	27.8	7.4	28.1	7.8	29.5
27	6.4	26.7	7.4	28.5	8.0	29.7
28	6.6	27.7	7.4	27.6	8.1	29.5
29	6.4	27.4			8.1	28.1
30	5.8	28.1			8.2	28.8
31	6.3	27.7			8.4	29.1
MEANS	6.6	27.4	7.2	28.6	8.3	29.0
OBSVNS.	30	30	27	27	28	28
MAXIMUM	7.5	28.2	8.4	29.8	9.2	30.2
MINIMUM	5.1	25.9	6.3	27.6	7.4	27.3
STD.DEV.	0.56	0.59	0.45	0.51	0.51	0.76

ACTIVE PASS 48 52.4 N 123 17.4 W

1985	APRIL		MAY		JUNE	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	9.4	29.3	10.4	27.7	11.4	28.4
2	9.3	29.3	11.0	28.4	10.6	29.3
3	8.5	27.8	10.4	28.5	10.5	29.0
4	8.7	28.2	10.1	29.1	10.6	29.3
5	8.8	27.7	10.0	29.5	10.7	29.0
6	8.9	27.4	9.8	28.9	10.5	28.6
7	8.6	27.7	9.5	28.2	12.7	14.1
8	8.4	28.1	9.4	28.9	11.9	19.1
9	8.7	28.1	9.8	28.5	* 13.2	* 20.2
10	8.7	28.4	10.3	28.4	14.6	21.3
11	8.9	28.6	10.5	27.8	14.5	21.2
12	9.2	27.2	10.7	27.4	14.1	22.6
13	10.1	25.2	11.0	26.8	13.9	24.0
14	10.5	24.6	12.4	22.9	13.2	28.2
15	10.4	23.7	13.2	16.7	16.1	12.0
16	10.0	27.3	14.2	19.2	* 16.6	* 13.4
17	9.6	29.1	12.5	28.0	17.1	14.9
18	9.6	28.9	12.1	28.2	* 16.5	* 18.1
19	10.0	27.8	11.8	28.6	15.8	21.3
20	9.8	27.3	12.7	28.5	16.7	21.6
21	9.5	28.1	13.4	28.2	15.2	17.0
22	9.1	28.9	13.6	27.3	14.9	24.0
23	9.0	29.1	11.3	28.8	* 14.8	* 20.7
24	9.1	27.6	11.5	28.5	14.7	17.3
25	9.0	25.2	11.8	28.1	15.5	23.3
26	9.1	26.7	12.1	25.6	15.1	26.3
27	8.8	28.0	12.3	24.7	15.7	26.5
28	9.7	28.4	11.6	28.6	11.9	28.9
29	9.8	28.8	11.6	28.2	12.6	28.8
30	10.1	23.9	11.6	26.7	13.4	28.8
31			12.2	26.0		
MEANS	9.3	27.5	11.4	27.1	13.6	23.6
OBSVNS.	30	30	31	31	26	26
MAXIMUM	10.5	29.3	14.2	29.5	17.1	29.3
MINIMUM	8.4	23.7	9.4	16.7	10.5	12.0
STD.DEV.	0.59	1.55	1.26	2.83	2.09	5.35

ACTIVE PASS 48 52.4 N 123 17.4 W

1985	JULY		AUGUST		SEPTEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	16.3	18.2	14.6	28.9	15.2	26.7
2	17.0	21.4	14.1	29.0	14.4	26.3
3	15.2	26.9	13.2	29.1	14.3	27.6
4	14.1	28.0	13.8	29.0	14.3	27.6
5	13.4	27.2	14.6	28.9	14.1	27.7
6	12.7	27.2	14.0	28.4	14.1	28.0
7	14.2	28.2	13.2	29.1	14.2	28.5
8	17.7	13.2	17.6	16.5	14.8	25.2
9	14.6	26.3	18.1	19.0	16.2	21.6
10	15.4	24.8	* 18.8	* 21.4	15.9	27.8
11	20.6	5.8	19.6	23.8	* 14.1	* 28.6
12	20.5	11.5	19.3	19.5	12.3	29.5
13	18.3	18.8	19.2	17.6	12.1	29.5
14	19.1	19.1	17.8	26.4	11.3	30.0
15	20.0	20.3	16.7	26.4	13.5	28.9
16	19.4	21.2	17.7	26.0	12.4	29.0
17	19.8	23.9	17.5	26.5	13.6	26.3
18	19.3	23.1	15.9	27.2	12.8	26.9
19	19.0	23.7	13.8	28.4	13.3	24.3
20	17.3	23.7	14.2	28.2	11.8	28.2
21	16.2	25.5	14.8	27.2	12.5	28.2
22	17.2	24.7	14.4	27.8	13.7	23.8
23	16.3	27.4	19.2	17.3	14.5	25.1
24	15.8	27.6	19.1	20.1	14.7	25.4
25	18.9	23.4	18.3	22.2	14.3	24.4
26	20.2	16.6	17.9	23.8	14.4	22.5
27	20.0	18.6	16.9	26.5	14.2	27.3
28	19.9	21.3	14.9	28.4	12.7	28.5
29	20.1	20.8	14.7	28.8	12.7	28.4
30	16.3	27.7	14.1	28.9	12.7	28.2
31	14.8	28.6	13.7	29.4		
MEANS	17.4	22.4	16.1	25.6	13.7	26.9
OBSVNS.	31	31	30	30	29	29
MAXIMUM	20.6	28.6	19.6	29.4	16.2	30.0
MINIMUM	12.7	5.8	13.2	16.5	11.3	21.6
STD.DEV.	2.36	5.39	2.16	4.12	1.20	2.13

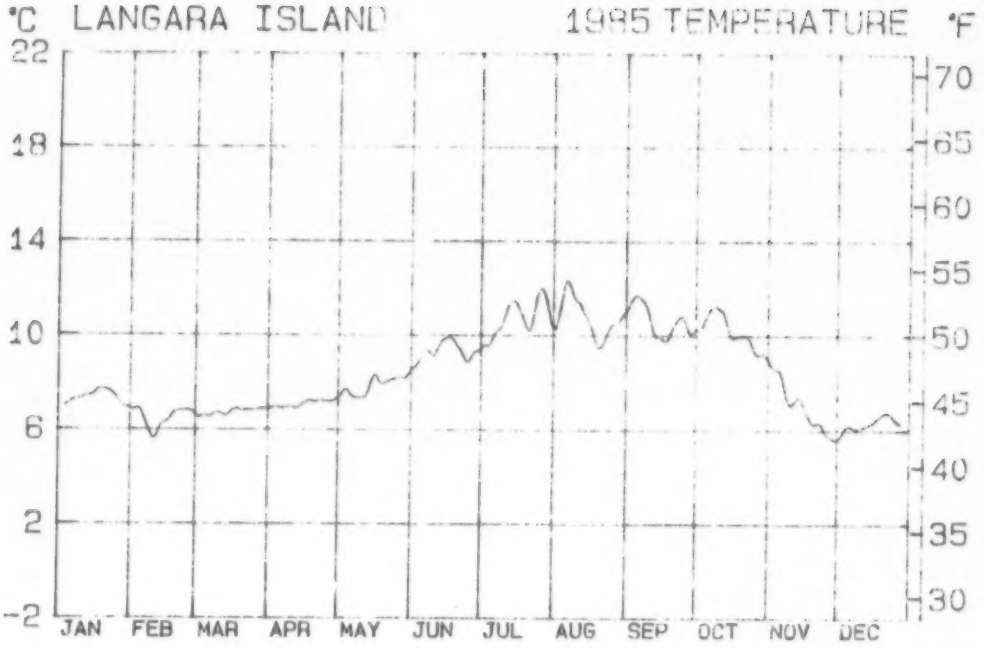
ACTIVE PASS 48 52.4 N 123 17.4 W

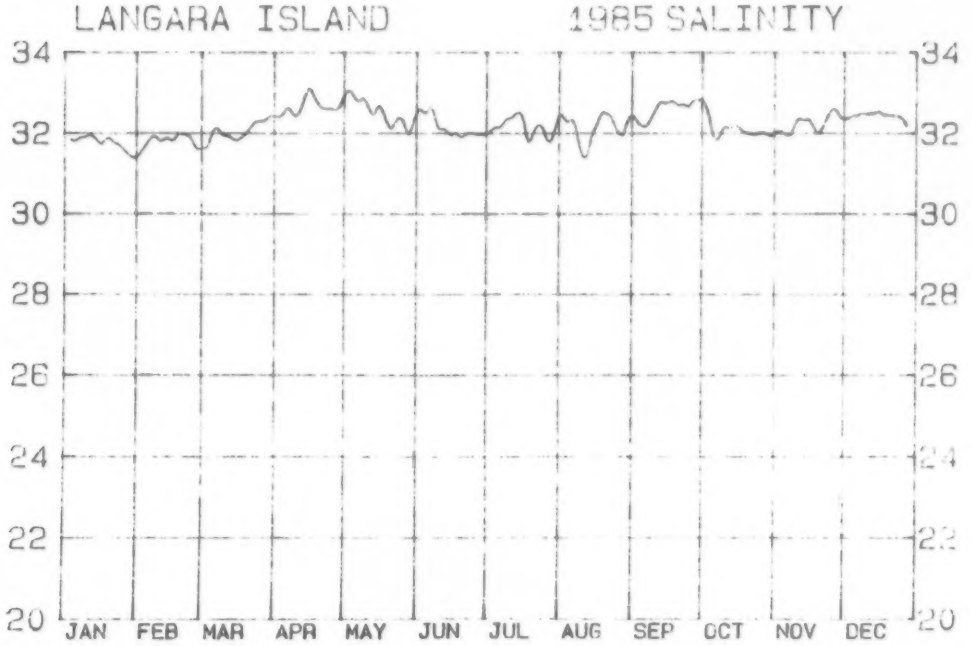
1985	OCTOBER		NOVEMBER		DECEMBER	
DATE	TEMP	SAL	TEMP	SAL	TEMP	SAL
1	13.0	28.5	10.2	29.3	5.3	28.8
2	13.2	28.0	10.1	29.3	* 6.1	* 28.7
3	13.0	25.1	10.0	29.3	7.0	28.6
4	12.2	28.0	9.7	28.5	6.0	28.5
5	12.4	27.3	9.1	25.6	6.3	28.6
6	* 12.5	* 27.4	9.1	23.9	7.7	29.0
7	* 12.6	* 27.6	9.0	20.6	7.8	28.8
8	12.7	27.7	9.1	23.9	6.6	28.0
9	12.7	28.2	9.6	27.7	6.1	27.8
10	11.6	29.5	9.0	27.2	5.8	27.6
11	11.4	29.4	8.4	26.7	5.5	27.4
12	11.4	29.5	8.4	26.8	5.0	27.1
13	11.3	30.2	8.5	26.9	5.6	26.9
14	11.2	30.3	8.8	27.6	6.0	27.3
15	11.2	* 29.9	8.6	* 27.5	7.0	29.1
16	11.1	29.5	8.3	27.3	6.3	26.1
17	10.7	30.0	7.7	26.4	6.5	26.5
18	10.6	31.2	7.9	26.3	6.7	26.8
19	10.3	29.8	7.8	26.3	6.8	27.1
20	10.3	29.8	7.7	26.1	6.6	28.5
21	10.4	29.9	* 6.7	* 27.3	6.5	29.0
22	10.1	30.6	5.7	28.6	6.7	28.9
23	10.3	30.0	5.4	27.4	6.7	28.8
24	10.2	30.0	5.3	27.7	6.8	28.2
25	10.5	27.1	5.3	28.0	6.8	27.4
26	10.3	30.0	5.0	27.7	6.9	27.8
27	10.1	28.9	4.8	26.8	7.0	28.2
28	10.1	29.0	4.8	26.9	7.2	29.0
29	10.0	29.3	5.0	27.8	7.1	28.9
30	10.0	29.3	5.2	28.4	6.9	28.9
31	10.1	29.3			6.7	28.8
MEANS	11.1	29.1	7.7	27.0	6.5	28.1
OBSVNS.	29	28	29	28	30	30
YRLY.MEANS					10.8	26.9
MAXIMUM	13.2	31.2	10.2	29.3	7.8	29.1
MINIMUM	10.0	25.1	4.8	20.6	5.0	26.1
STD.DEV.	1.06	1.27	1.86	1.83	0.65	0.87

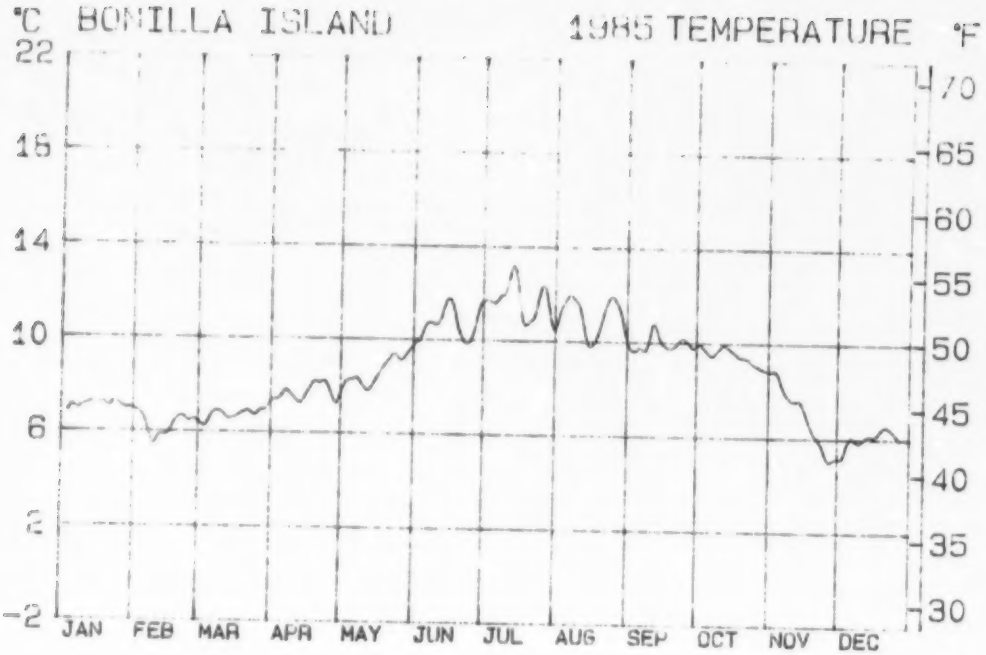
Annual Graphs of the Seven-day
Normally-Weighted Running Means
for Temperature and Salinity
1985

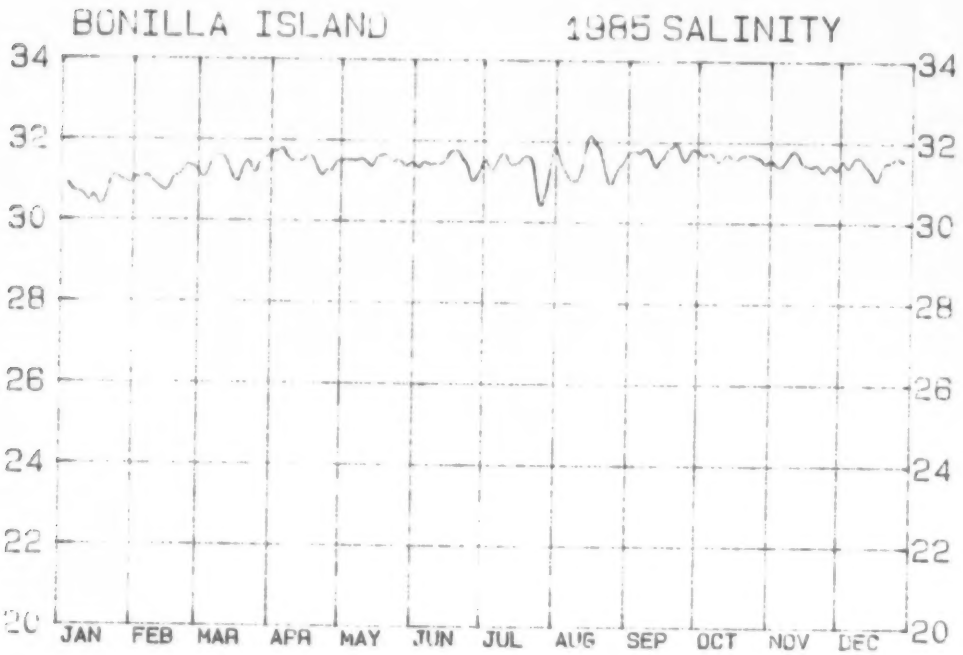
TEMP: Temperature (°C and °F)

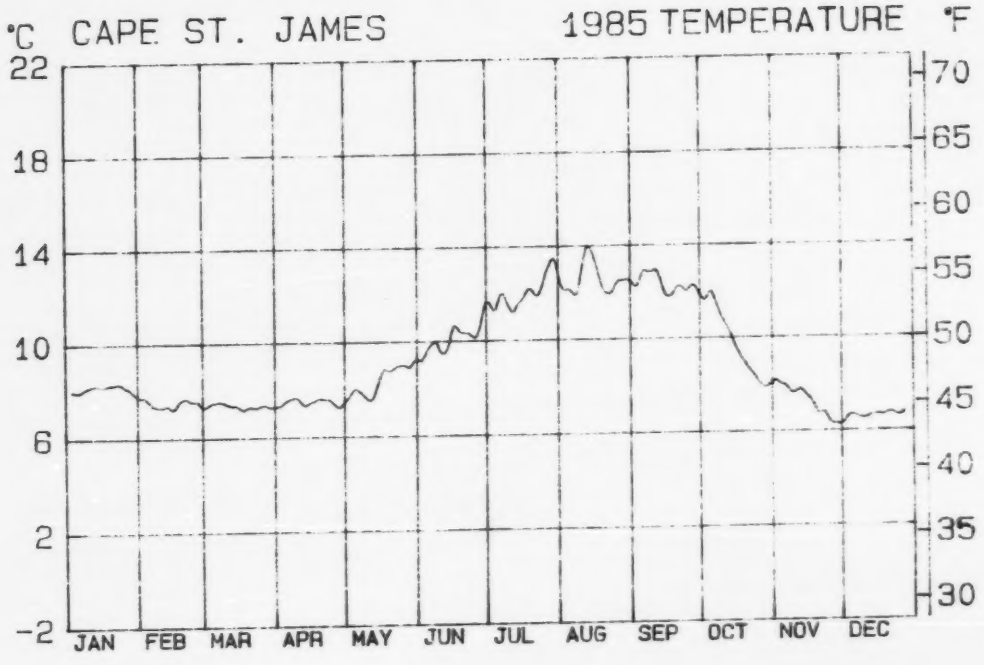
SAL: Salinity ($^{0}/_{00}$)

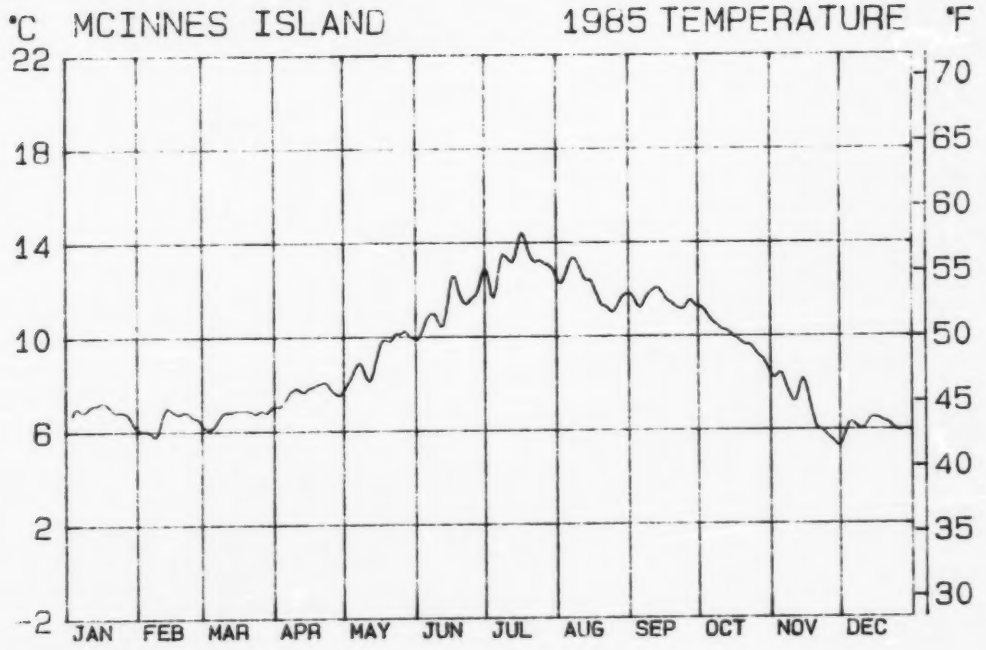

°C LANGARA ISLAND 1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
55
50
45
40
35
30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

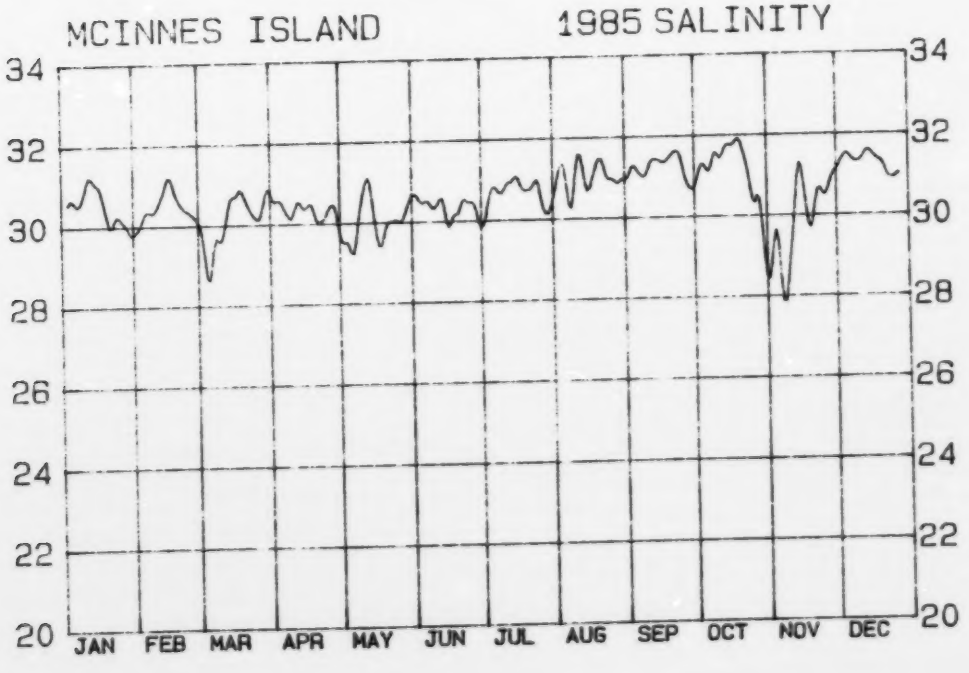

LANGARA ISLAND 1985 SALINITY
34
32
30
28
26
24
22
20
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

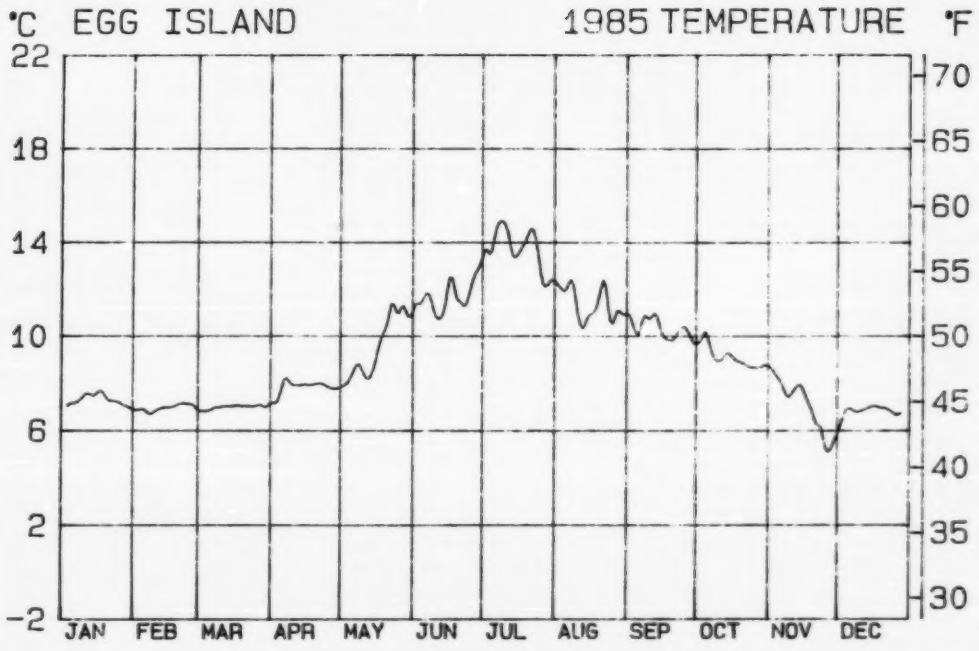

°C BONILLA ISLAND 1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
55
50
45
40
35
30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

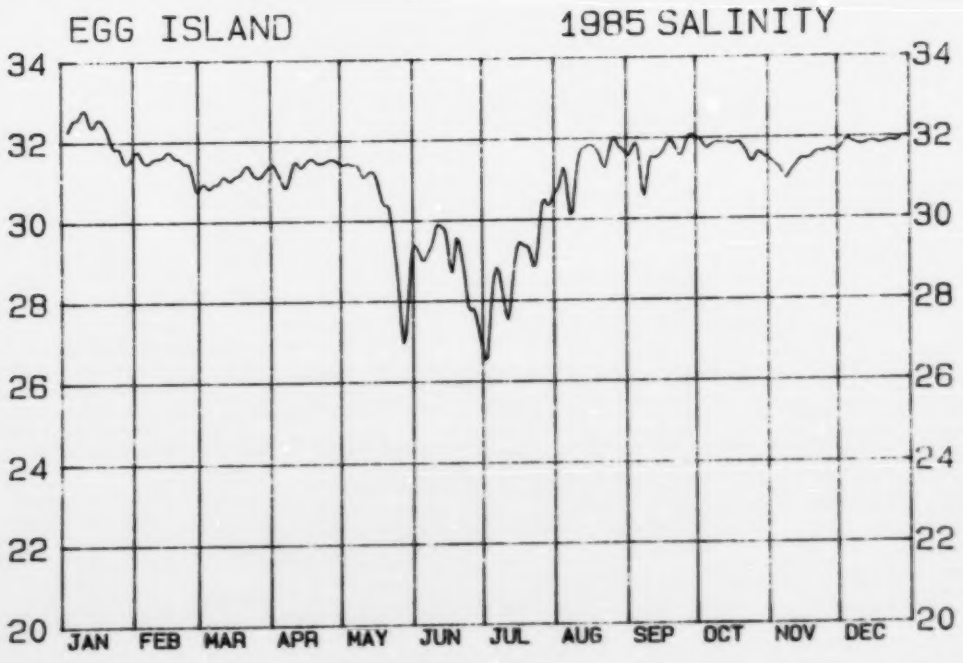

BONILLA ISLAND 1985 SALINITY
34
32
30
28
26
24
22
20
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

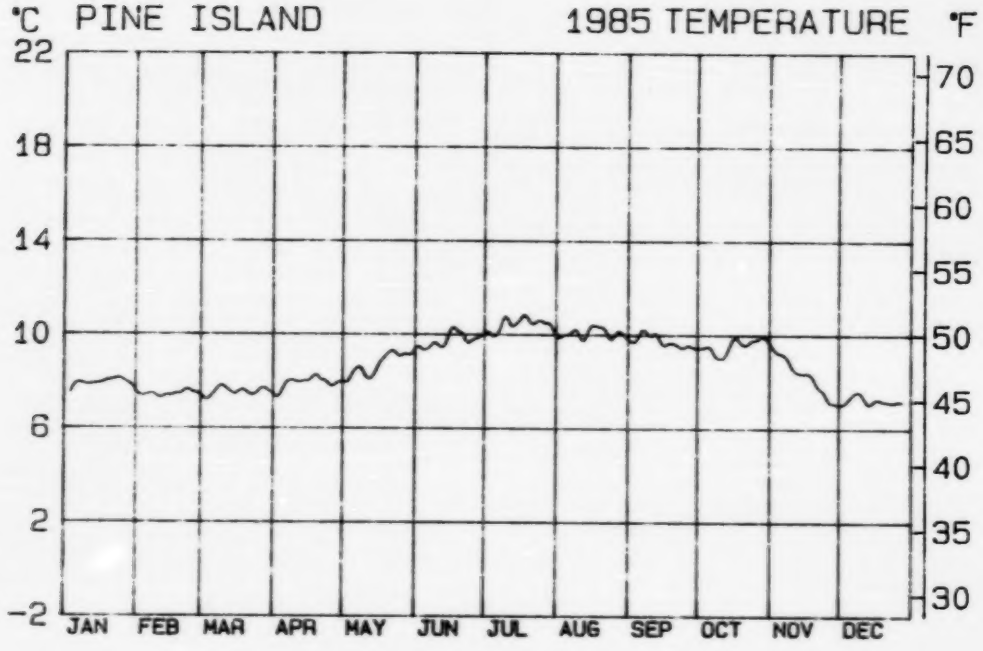

°C CAPE ST. JAMES 1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
55
50
45
40
35
30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

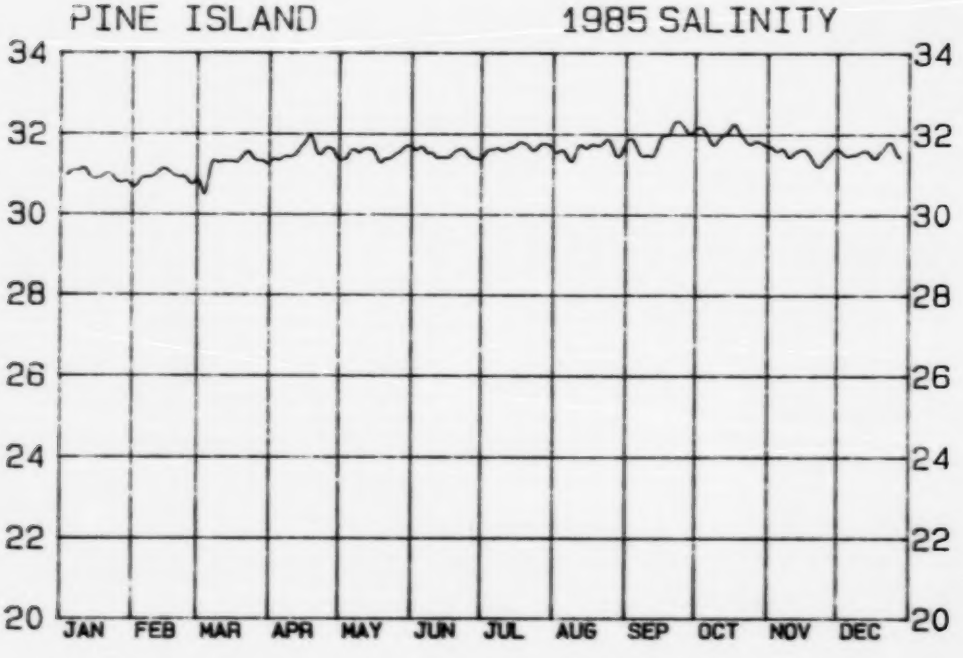

°C MCINNES ISLAND 1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
55
50
45
40
35
30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

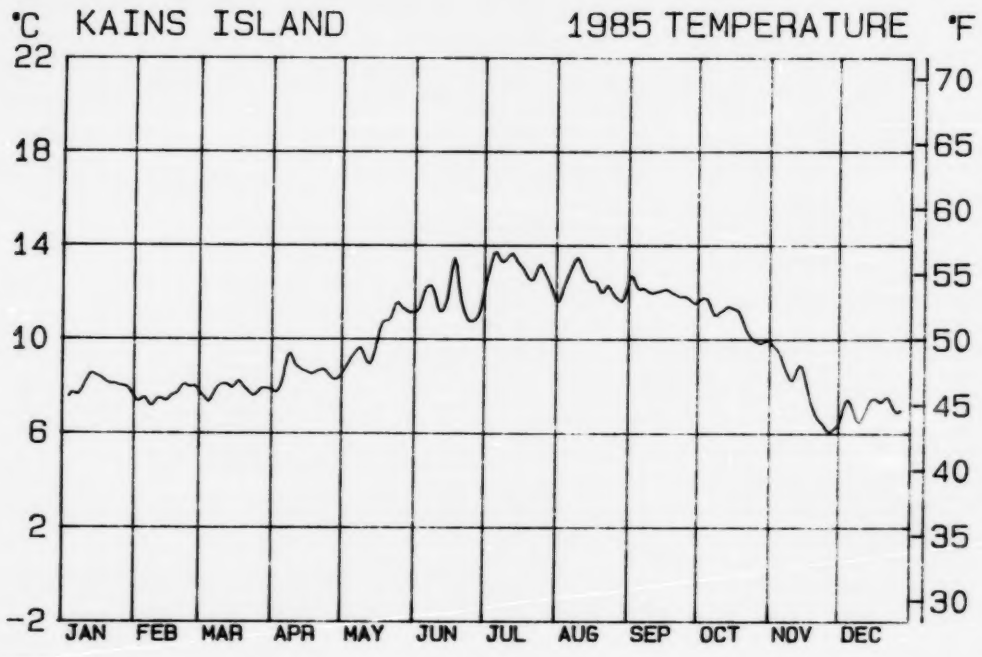

MCINNES ISLAND 1985 SALINITY
34
32
30
28
26
24
22
20
34
32
30
28
26
24
22
20
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

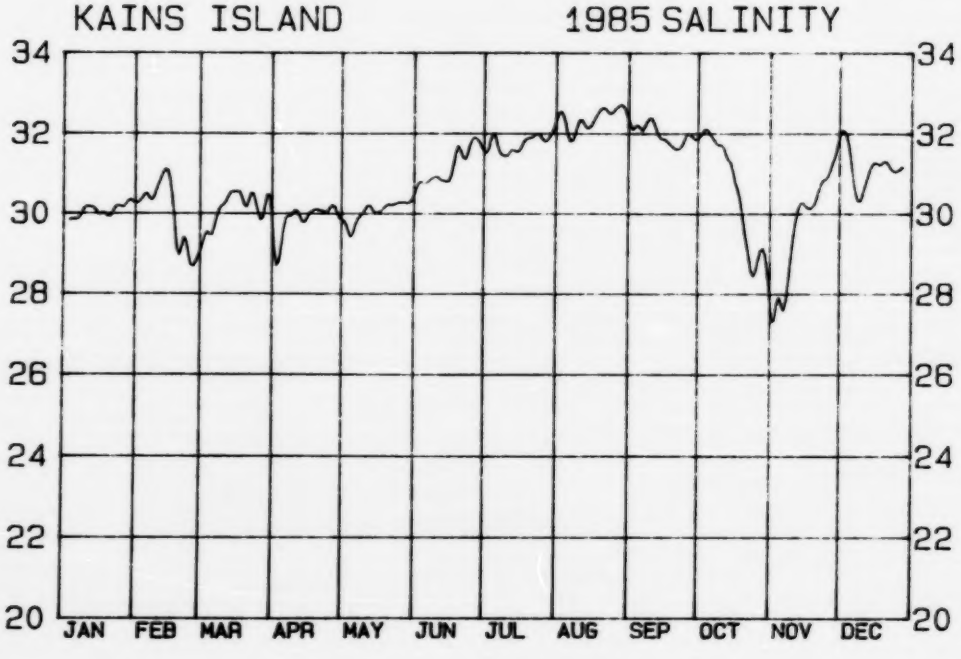

°C EGG ISLAND
1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
55
50
45
40
35
30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

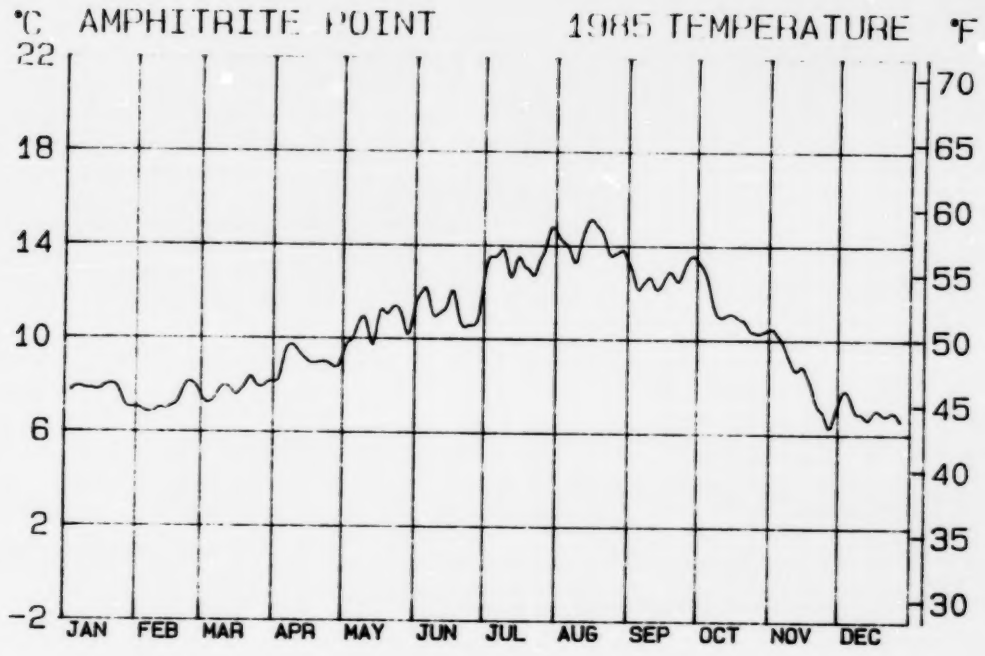

EGG ISLAND
1985 SALINITY
34
32
30
28
26
24
22
20
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

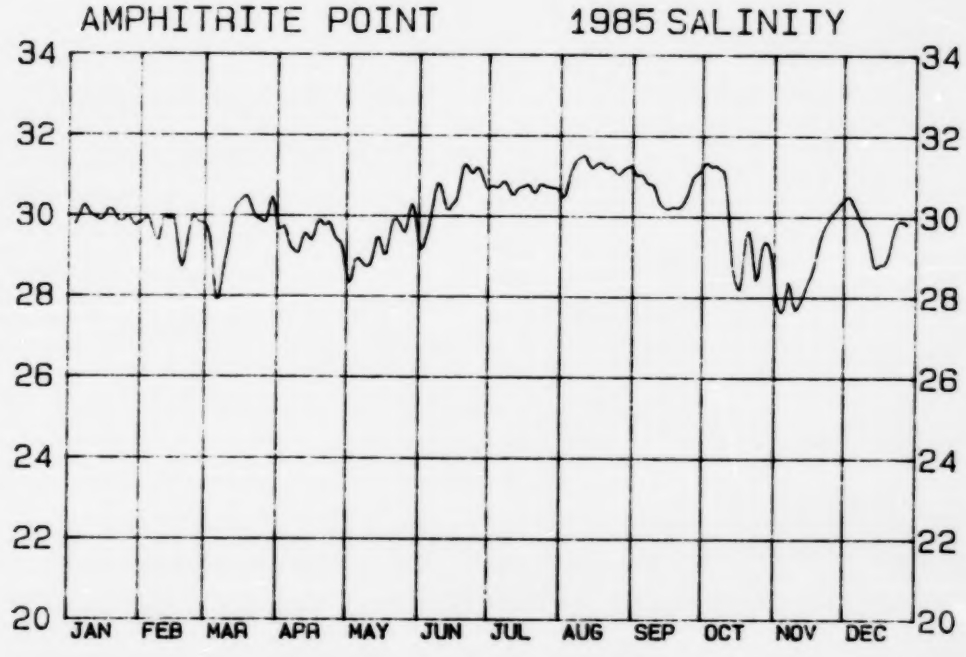

°C PINE ISLAND
1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
55
50
45
40
35
30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

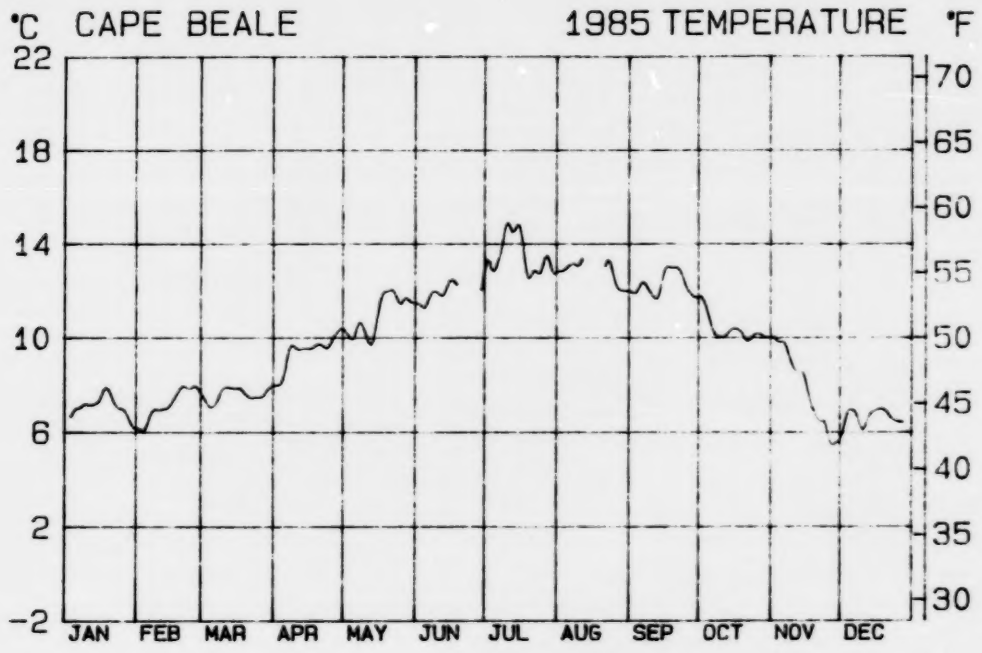

PINE ISLAND
1985 SALINITY
34
32
30
28
26
24
22
20
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

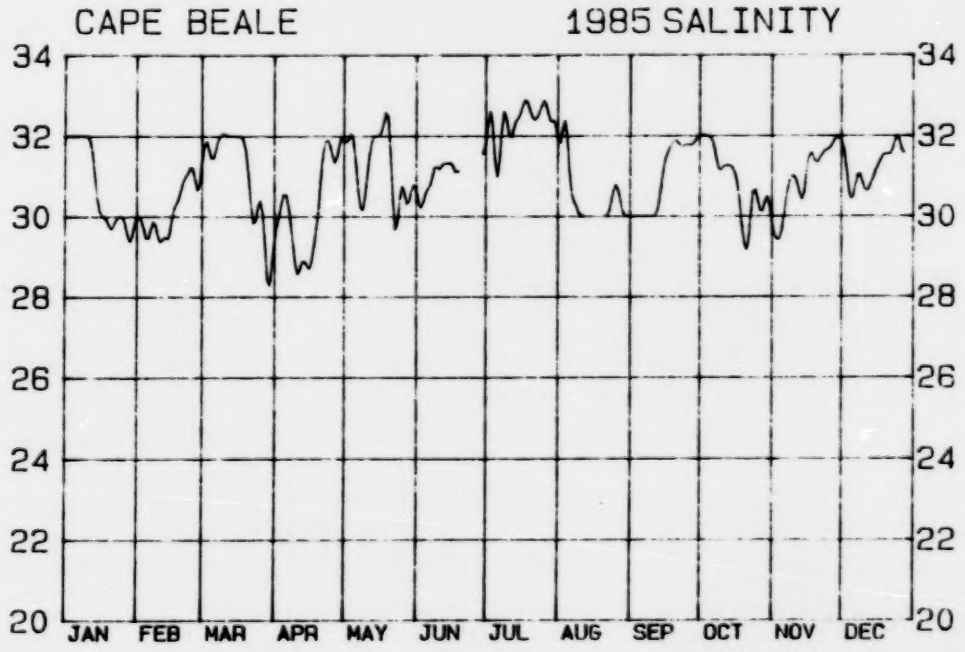

°C KAINS ISLAND 1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
55
50
45
40
35
30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

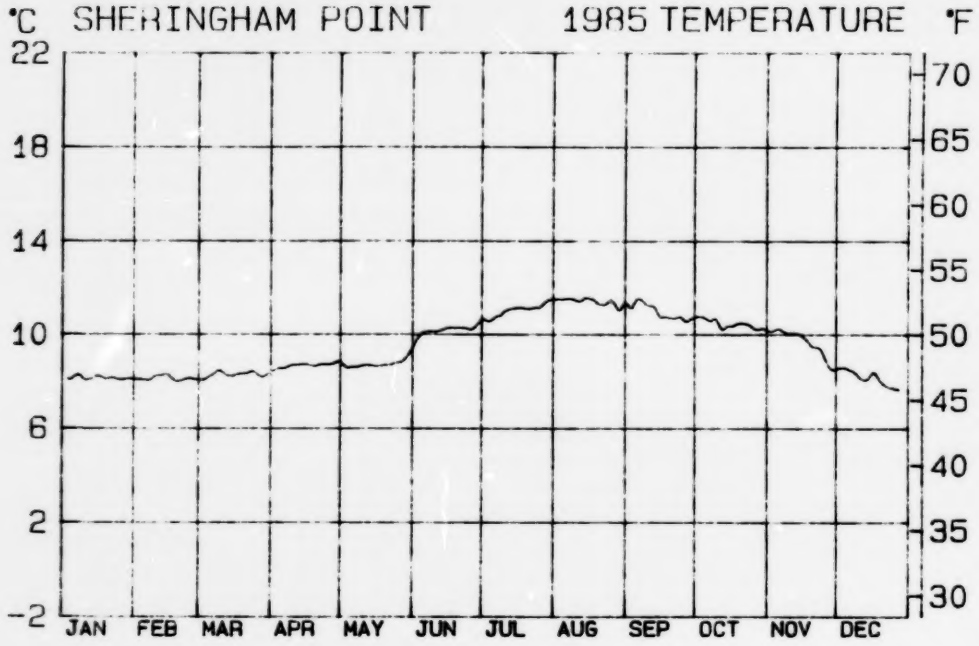

KAINS ISLAND 1985 SALINITY
34
32
30
28
26
24
22
20
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

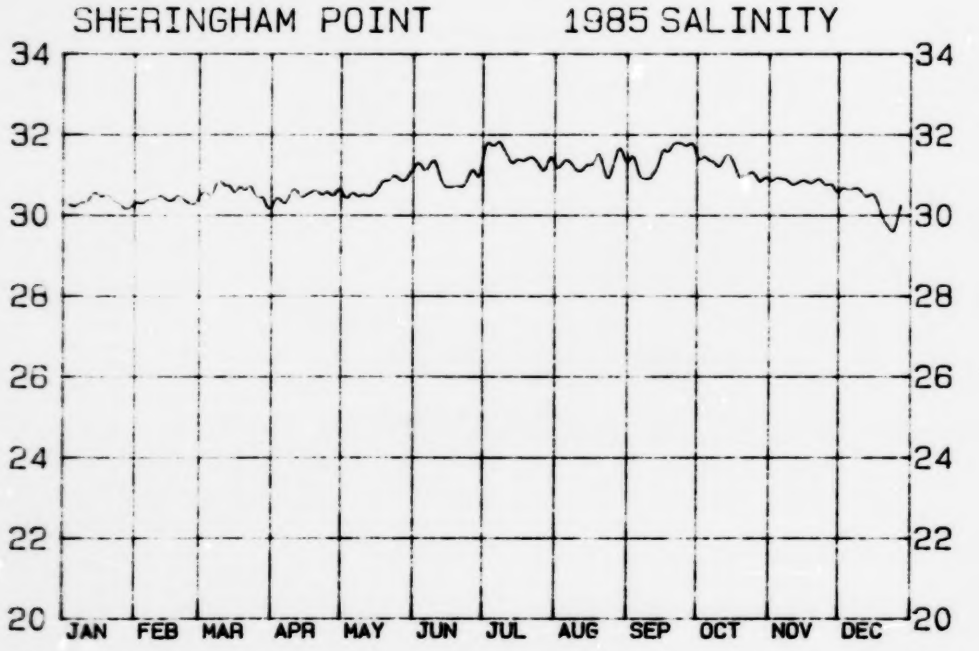

°C AMPHITRITE POINT 1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
55
50
45
40
35
30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

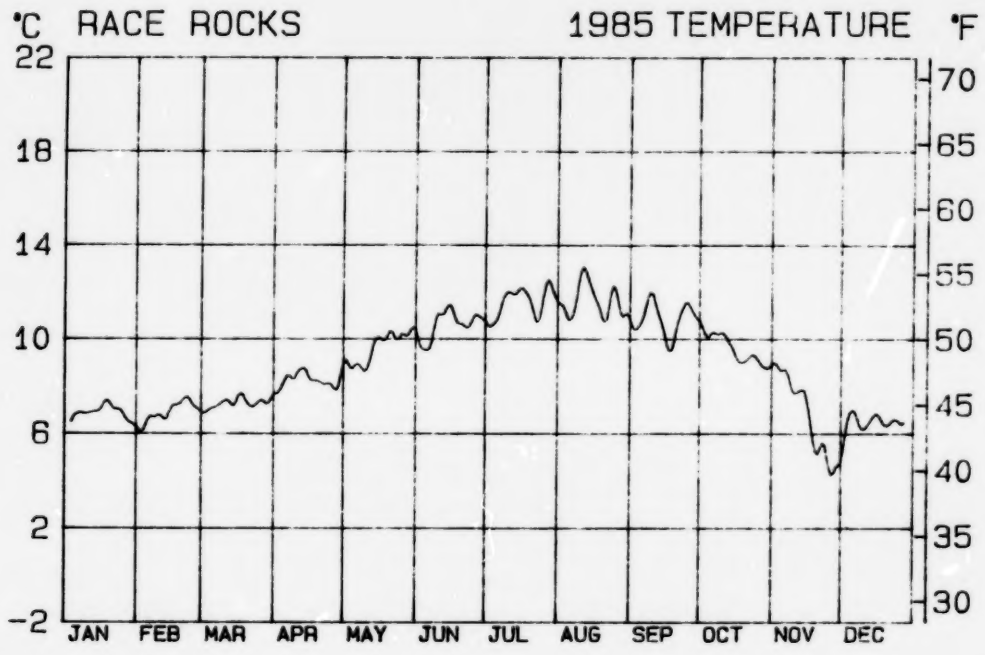

AMPHITRITE POINT 1985 SALINITY
34
32
30
28
26
24
22
20
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

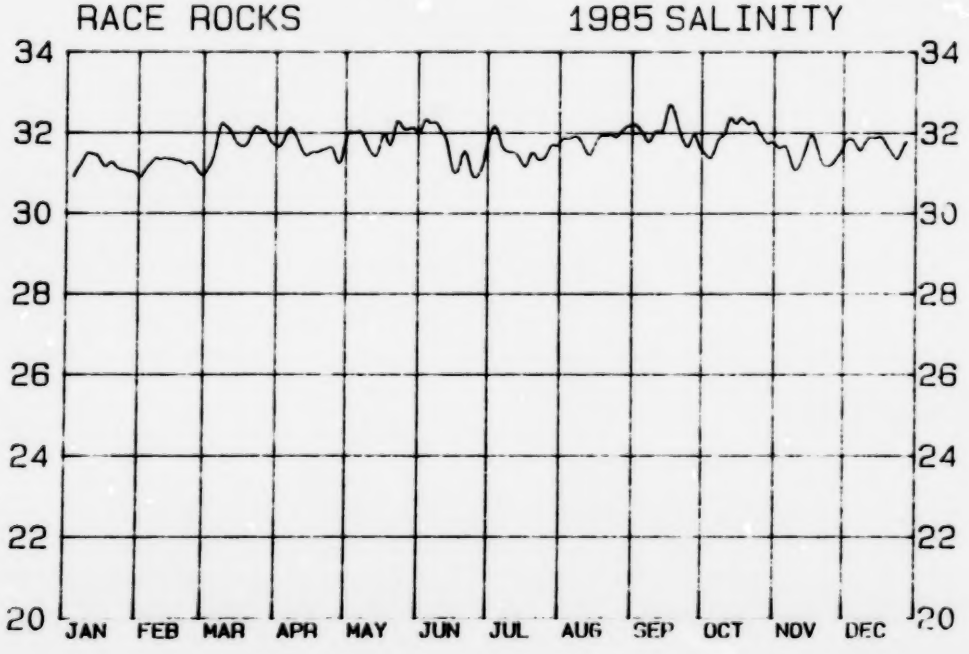

°C CAPE BEALE 1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
55
50
45
40
35
30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

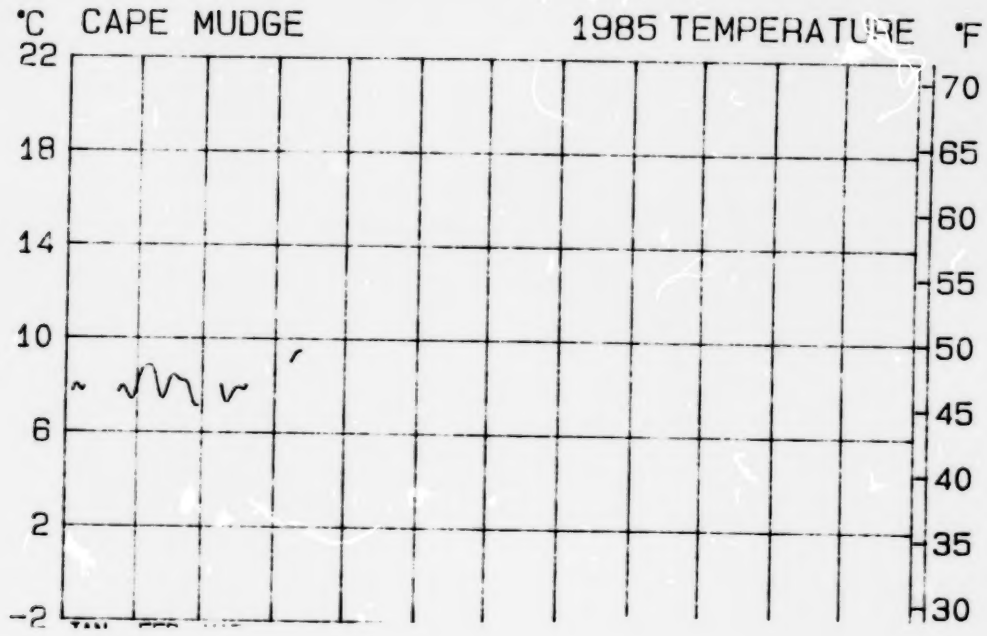

CAPE BEALE 1985 SALINITY
34
32
30
28
26
24
22
20
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

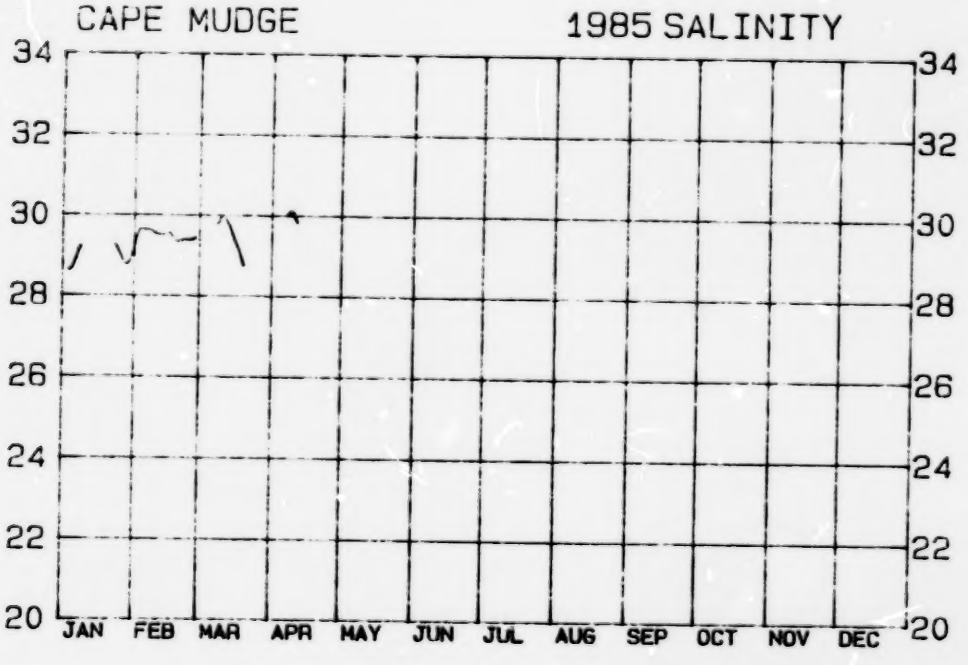

°C SHERINGHAM POINT 1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
55
50
45
40
35
30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

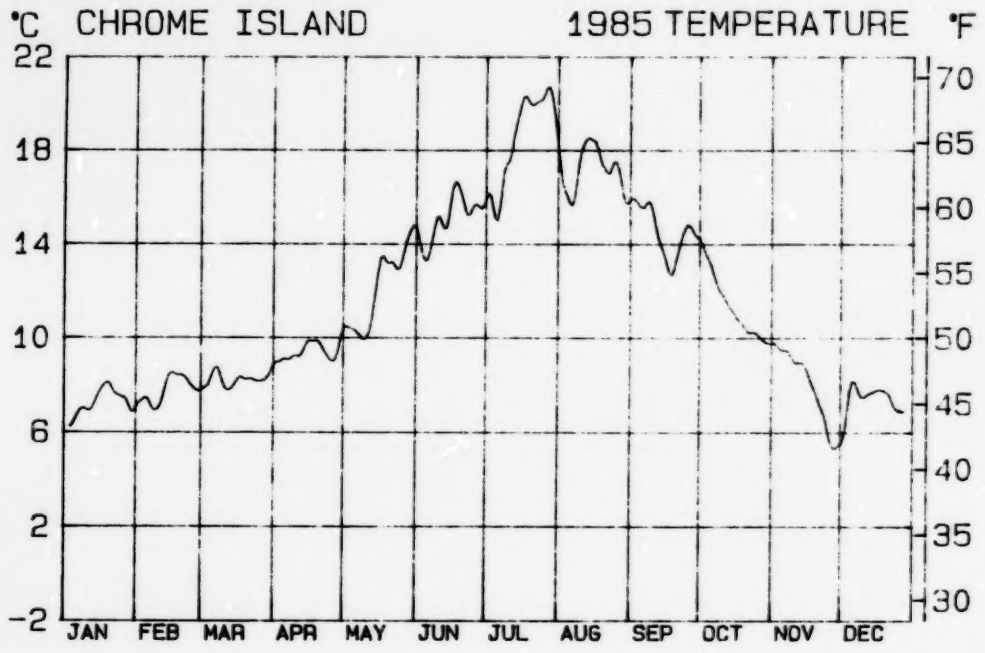

SHERINGHAM POINT 1985 SALINITY
34
32
30
28
26
24
22
20
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

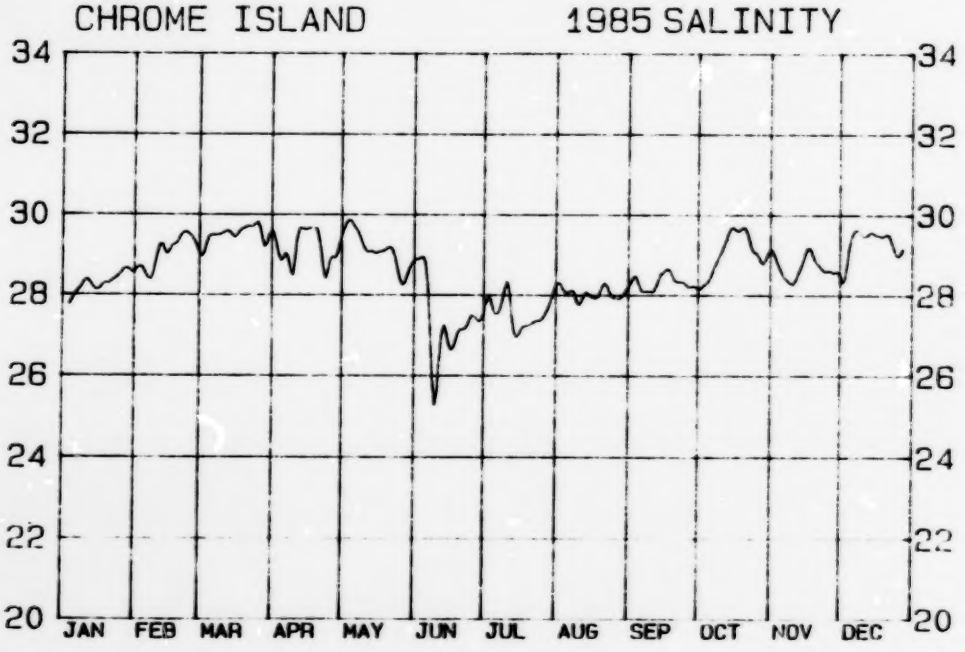

°C RACE ROCKS 1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
55
50
45
40
35
30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

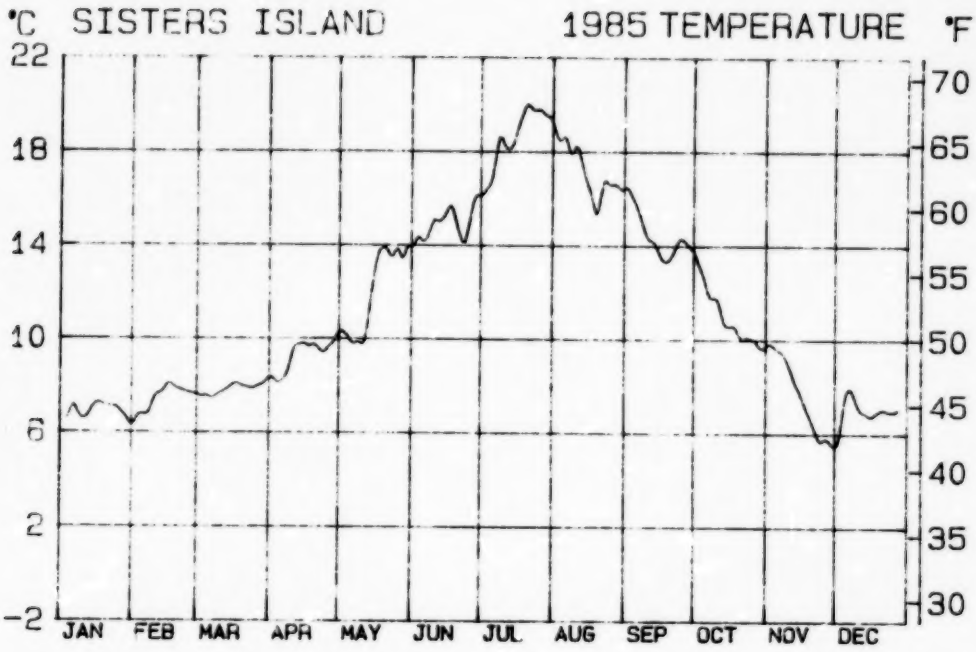

RACE ROCKS 1985 SALINITY
34
32
30
28
26
24
22
20
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

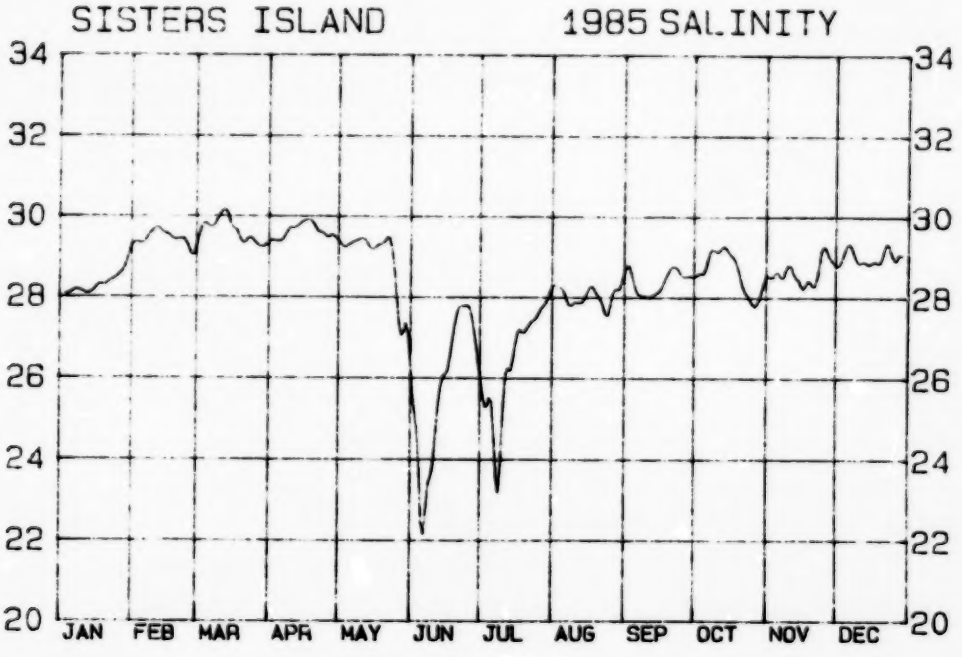

°C CAPE MUDGE
1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
55
50
45
40
35
30

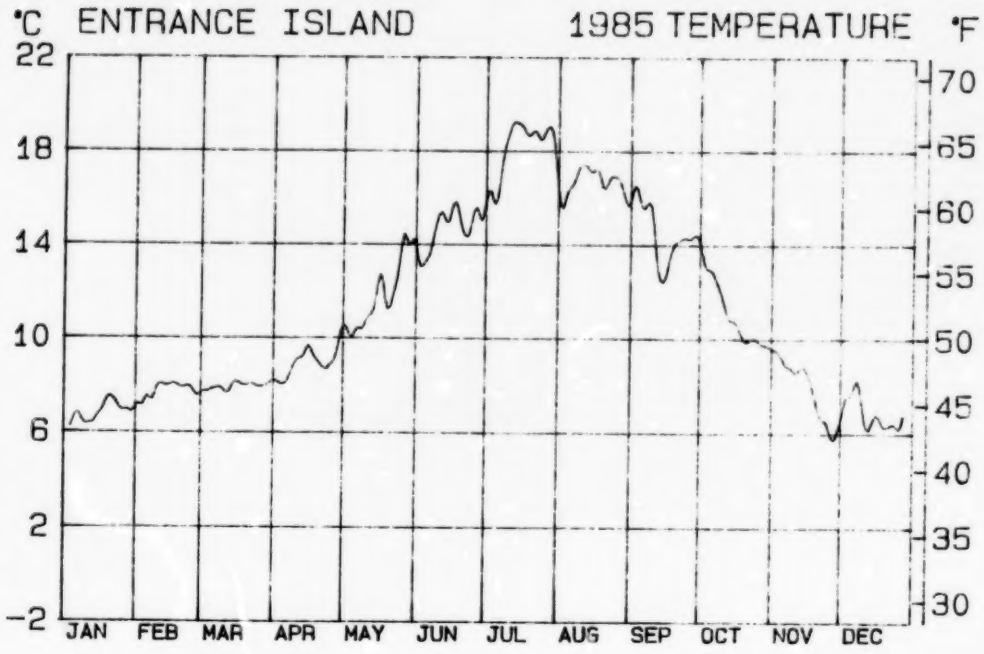

CAPE MUDGE
1985 SALINITY
34
32
30
28
26
24
22
20
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC


°C CHROME ISLAND 1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
55
50
45
40
35
30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


CHROME ISLAND 1985 SALINITY
34
32
30
28
26
24
22
20
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


°C SISTERS ISLAND 1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
55
50
45
40
35
30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


SISTERS ISLAND 1985 SALINITY
34
32
30
28
26
24
22
20
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


°C ENTRANCE ISLAND 1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
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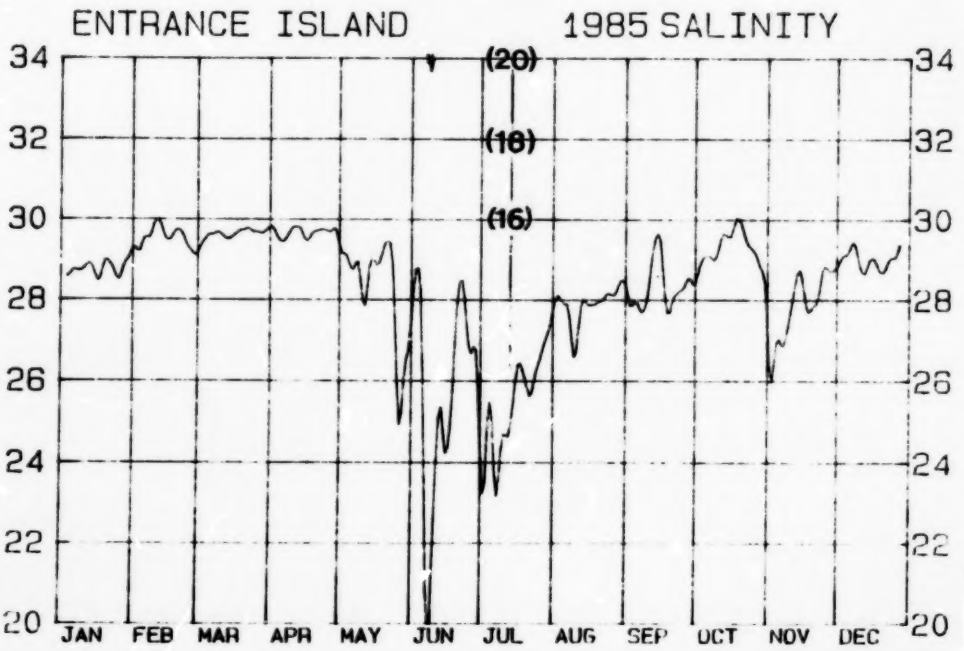
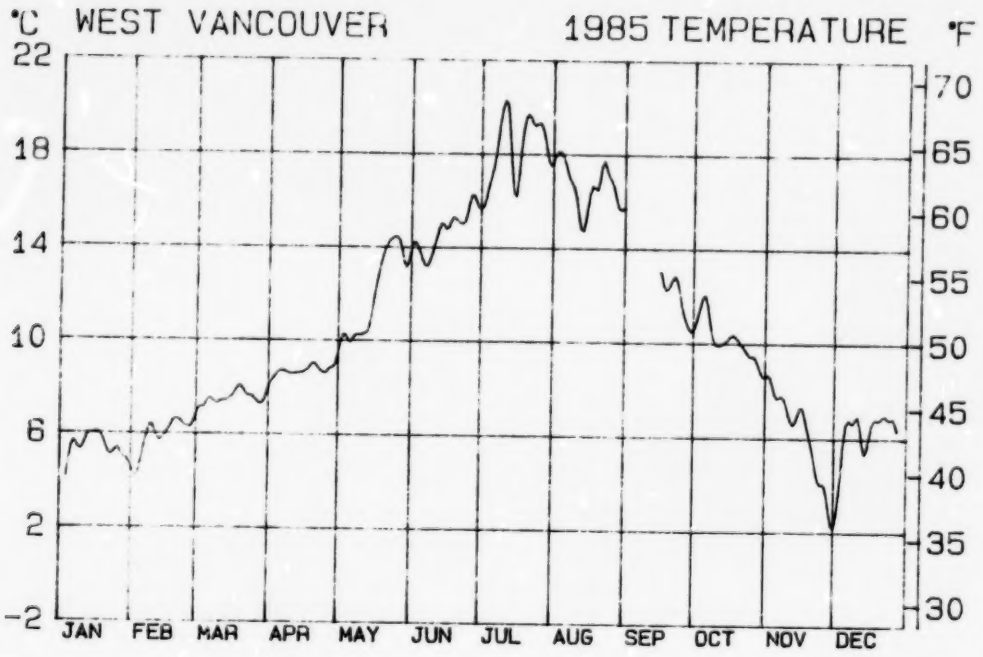
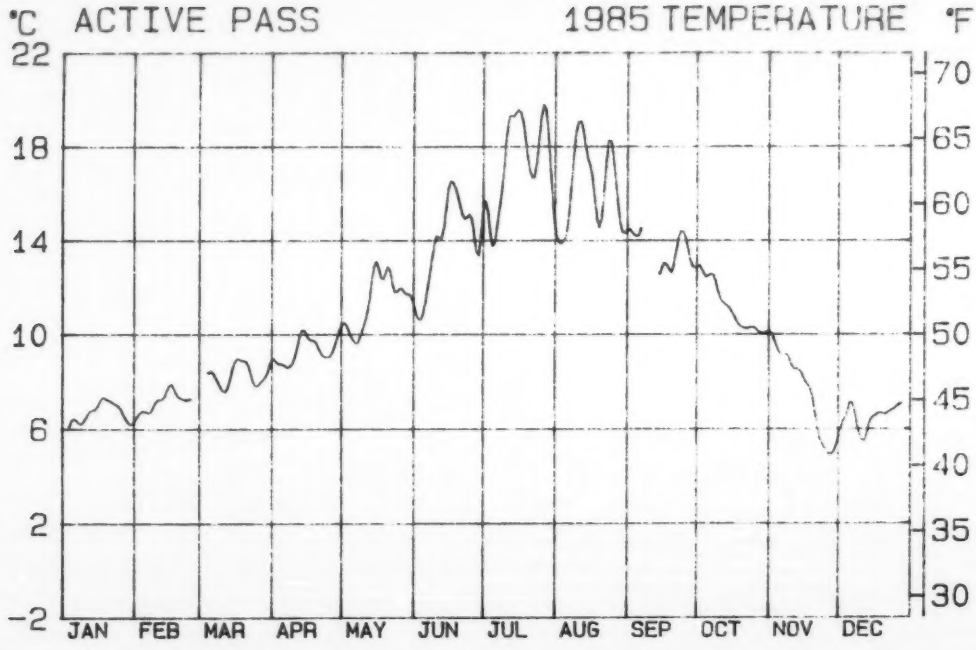
50
45
40
35
30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


ENTRANCE ISLAND 1985 SALINITY
34
32
30
28
26
24
22
20
(20)
(18)
(16)
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


°C WEST VANCOUVER
1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
55
50
45
40
35
30
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC


°C ACTIVE PASS 1985 TEMPERATURE °F
22
18
14
10
6
2
-2
70
65
60
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50
45
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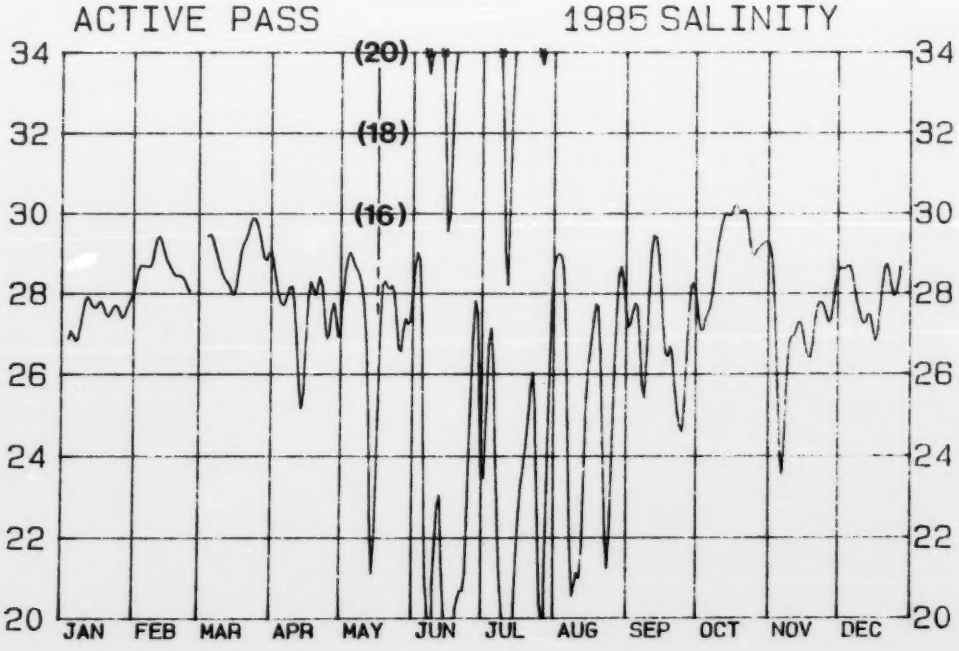
35
30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


ACTIVE PASS 1985 SALINITY
(20)
(18)
(16)
34
32
30
28
26
24
22
20
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC